

# IPv4

## IPv4 Adressen

Range	Bedeutung
10.0.0.0/8	Privates Netzwerk
127.0.0.0/8	Localnet
169.254.0.0/16	Zeroconf
172.16.0.0/12	Privates Netzwerk
192.0.2.0/24	Dokumentation und Beispielcode
192.168.0.0/16	Privates Netzwerk
198.51.100.0/24	Dokumentation und Beispielcode
203.0.113.0/24	Dokumentation und Beispielcode
224.0.0.0/4	Multicast

## IPv4 Subnet

CIDR	Subnet Mask	Adresse	Wildcard
/32	255.255.255.255	1	0.0.0.0
/31	255.255.255.254	2	0.0.0.1
/30	255.255.255.252	4	0.0.0.3
/29	255.255.255.248	8	0.0.0.7
/28	255.255.255.240	16	0.0.0.15
/27	255.255.255.224	32	0.0.0.31
/26	255.255.255.192	64	0.0.0.63
/25	255.255.255.128	128	0.0.0.127
/24	255.255.255.0	256	0.0.0.255
/23	255.255.254.0	512	0.0.1.255
/22	255.255.252.0	1'024	0.0.3.255

CIDR	Subnet Mask	Adresse	Wildcard
/21	255.255.248.0	2'048	0.0.7.255
/20	255.255.240.0	4'096	0.0.15.255
/19	255.255.224.0	8'192	0.0.31.255
/18	255.255.192.0	16'384	0.0.63.255
/17	255.255.128.0	32'768	0.0.127.255
/16	255.255.0.0	65'536	0.0.255.255
/15	255.254.0.0	131'072	0.1.255.255
/14	255.252.0.0	262'144	0.3.255.255
/13	255.248.0.0	524'288	0.7.255.255
/12	255.240.0.0	1'048'576	0.15.255.255
/11	255.224.0.0	2'097'152	0.31.255.255
/10	255.192.0.0	4'194'304	0.63.255.255
/9	255.128.0.0	8'388'608	0.127.255.255
/8	255.0.0.0	16'777'216	0.255.255.255
/7	254.0.0.0	33'554'432	1.255.255.255
/6	252.0.0.0	67'108'864	3.255.255.255
/5	248.0.0.0	134'217'728	7.255.255.255
/4	240.0.0.0	268'435'456	15.255.255.255
/3	224.0.0.0	536'870'912	31.255.255.255
/2	192.0.0.0	1'073'741'824	63.255.255.255
/1	128.0.0.0	2'147'483'648	127.255.255.255
/0	0.0.0.0	4'294'967'296	255.255.255.255

Revision #2

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