

Base block

1	5
9	13

Nearest neighbor interpolation

1	1	5	5
1	1	5	5
9	9	13	13
9	9	13	13

Bilinear interpolation:

1	2	4	5
3	4	6	7
7	8	10	11
9	10	12	13

Bicubic interpolation

-0,125	1,0625	3,4375	4,625
2,25	3,4375	5,8125	7
7	8,1875	10,5625	11,75
9,375	10,5625	12,9375	14,125