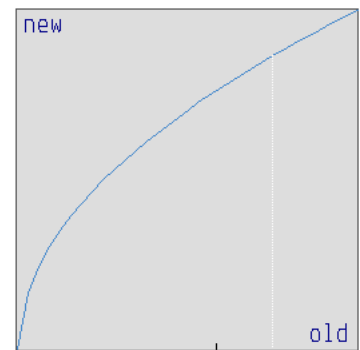


# Inverse Gamma Curve



# Zoom 200%

C:\ZESNP\ZESNP019.BMP



N,M	(Inv)Gamma	= 2.00
-+	Shift Center	= 150
ALT+S	Store Color Profile	
ALT+L	Load Color Profile	
C:\ZEBRA\Gray.Pr f		
Zebra128		
D:\IMAGE409.BMP BMP-32		
RGB Nonlin: Pal=181		
Q,A	Red Grad 1.0rd	0
W,S	Grn	0
E,D	Blu	0
R,F	Red Grad 2.0rd	0
T,G	Grn	0
Z,H	Blu	0
I,K	RGB Grad 1.0rd	□
O,L	RGB Grad 2.0rd	□
∇	Reset Curves	
ENT	Execute FullScreen	
ESC	Menue	
X	Shift Menue Area	

This image shows the application of an inverse Gamma function. In fact it is the power function  $y = 255 \cdot (x/255)^{0.5}$ .

The slope of the function at  $x=0$  is infinite, but the graph doesn't show this, because it is a polyline for  $dx=8$ .

Sometimes we read, that the function should have a linear slope at  $x=0$ , like the transfer functions for cameras in Rec.709.

We treat here power functions mathematically, using arbitrary exponents. The transformation has nothing to do with cameras.

Gernot Hoffmann  
December 11, 2001  
Website  
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