

Converting Colors

CIELCh(89, 5.644, 108.490)

Have a look what the booklet for
CIELCh(89, 5.644, 108.490) contains.

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Color

CIELCh(89, 5.713, 106.034)

Conversions

Conversions Part 1

Format	Color
Hex	E1E0D5
RGB	225, 224, 213
RGB Percent	88%, 88%, 84%
CMY	0.1174, 0.1213, 0.1645
CMYK	0.00, 0.00, 0.05, 0.12
HSL	55°, 17%, 86%
HSV	55°, 5%, 88%
XYZ	69.7560, 74.1641, 73.6251
YIQ	223.0450, 4.1270, -3.2090

Conversions

Conversions Part 2

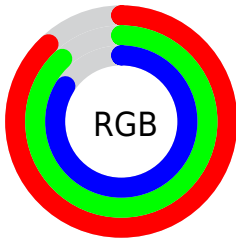
Format	Color
R_{YB}	214, 225, 213
Decimal	14803157
CIE Lab	89.00, -1.58, 5.49
CIE LCh	89, 5.713, 106.034
Yxy	74.1641, 0.3207, 0.3409
Android (android.graphics.Color)	4292993237 (0xFFE1E0D5)
YUV	223.0450, -4.9522, 1.7145
Hunter-Lab	86.1186, -6.1226, 9.5944

Details

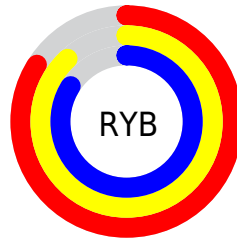
The CIELCh color `89, 5.713, 106.034` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `86, 5.788, 287.198`, and the grayscale version is `89, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `69, 6.022, 105.874` is the 20% darker color. If you saturate the color by 10%, you get `88, 16.449, 105.020`, and if you desaturate by 10%, it is `90, 5.017, 287.107`.

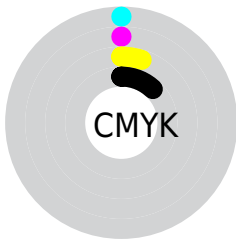
Distribution



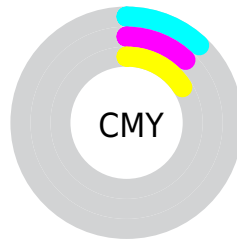
- Red (88%)
- Green (88%)
- Blue (84%)



- Red (84%)
- Yellow (88%)
- Blue (84%)



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (12%)



- Cyan (12%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 5.713, 106.034 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 89, 5.713, 106.034 by changing the saturation by 10% instead.

■ 89, 5.713, 106.034

■ 89, 5.713, 106.034

■ 100, 5.713,
106.034

■ 79, 5.713, 106.034

■ 69, 5.713, 106.034

■ 59, 5.713, 106.034

■ 49, 5.713, 106.034

■ 39, 5.713, 106.034

■ 29, 5.713, 106.034

■ 19, 5.713, 106.034

■ 9, 5.713, 106.034

■ 0, 5.713, 106.034

89, 5.713, 106.034

89, 5.713, 106.034

88, 16.449,
105.020

90, 5.017, 287.107

87, 27.132,
103.964

91, 14.127,
287.552

86, 37.674,
102.903

92, 13.190,
284.447

85, 47.933,
101.853

92, 12.297,
280.890

85, 57.672,
100.833

92, 11.458,
276.808

84, 66.530, 99.867

93, 10.686,
272.123

83, 73.984, 98.978

93, 9.996, 266.765

83, 79.408, 98.183

94, 9.405, 260.690

82, 82.312, 97.483

94, 8.931, 253.905

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



89, 5.713, 106.034



86, 5.788, 287.198

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 5.713, 106.034



89, 5.713, 156.034



89, 5.713, 286.034



89, 5.713, 336.034

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



89, 5.715, 106.051



100, 2.364, 106.360



86, 4.408, 12.793



53, 1.344, 106.368



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 5.715, 106.051



99, 7.118, 105.980



89, 6.503, 125.867



47, 4.251, 105.922



66, 69.160, 97.275



18, 25.810, 99.164

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



86, 5.788, 287.198



95, 7.214, 287.275



86, 6.576, 306.349



45, 4.312, 287.337



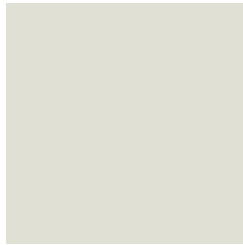
22, 97.375, 305.190



3, 29.813, 294.097

Previews

White Background



This preview shows how the CIELCh color 89, 5.713, 106.034 looks on a white background.

Color Contrast Check

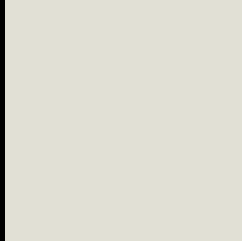
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 89, 5.713, 106.034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

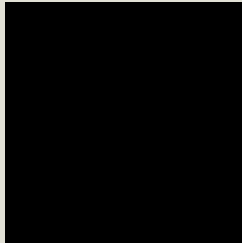
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

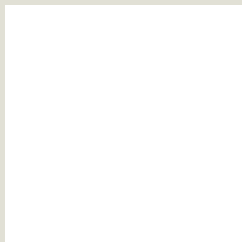
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 5.713, 106.034

Background



This preview shows how black text looks on a background with the CIELCh color 89, 5.713, 106.034.

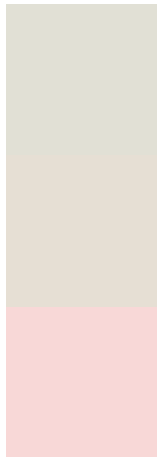


This preview shows how white text looks on a background with the CIELCh color 89, 5.713, 106.034.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

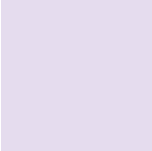
89, 5.713, 106.034

Protanopia

89, 6.240, 85.384

Deuteranopia

89, 11.849, 22.712



Tritanopia
89, 9.949, 309.392

Trichromacy



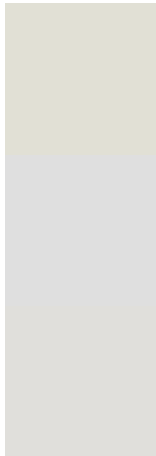
Original Color
89, 5.713, 106.034

Protanomaly
89, 5.980, 91.853

Deuteranomaly
89, 8.158, 38.355

Tritanomaly
89, 4.890, 321.119

Monochromacy



Original Color
89, 5.713, 106.034

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 2.097, 100.072

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 5.713, 106.034 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(225, 224, 213)` looks like.

```
.text, #text, p{  
    color:rgb(225, 224, 213)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(225, 224, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 224, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 5.713, 106.034 is called "border". The border property can be set on classes, ids or directly on the HTML element.

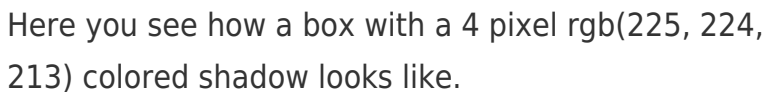
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(225, 224, 213) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(225, 224, 213) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(225, 224, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 224, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 224, 213); box-shadow:4px 4px 4px 4px rgb(225, 224, 213) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 5.713, 106.034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 224, 213) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(225,  
224, 213) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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