

Converting Colors

CIELCh(87, 6.699, 64.024)

Have a look what the booklet for
CIELCh(87, 6.699, 64.024) contains.

CIELCh(87, 6.703, 63.916)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(87, 6.703, 63.916)

Conversions

Conversions Part 1

Format	Color
Hex	E5D8CF
RGB	229, 216, 207
RGB Percent	90%, 85%, 81%
CMY	0.1034, 0.1544, 0.1897
CMYK	0.00, 0.06, 0.10, 0.10
HSL	25°, 29%, 85%
HSV	25°, 10%, 90%
XYZ	67.8729, 70.0064, 68.7326
YIQ	218.8610, 10.6370, -0.0430

Conversions

Conversions Part 2

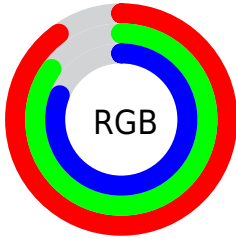
Format	Color
R_{YB}	229, 222, 207
Decimal	15063247
CIE _{Lab}	87.00, 2.95, 6.02
CIE _{LCh}	87, 6.703, 63.916
Yxy	70.0064, 0.3285, 0.3388
Android (android.graphics.Color)	4293253327 (0xFFE5D8CF)
YUV	218.8610, -5.8475, 8.8919
Hunter-Lab	83.6698, -1.6230, 9.8636

Details

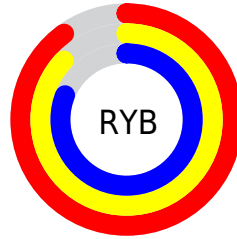
The CIELCh color $87, 6.703, 63.916$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $87, 6.461, 246.189$, and the grayscale version is $87, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $67, 6.440, 62.679$ is the 20% darker color. If you saturate the color by 10%, you get $83, 14.104, 62.937$, and if you desaturate by 10%, it is $91, 0.265, 246.881$.

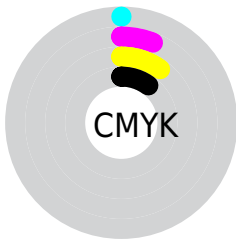
Distribution



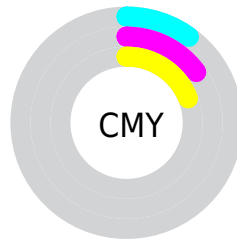
- Red (90%)
- Green (85%)
- Blue (81%)



- Red (90%)
- Yellow (87%)
- Blue (81%)



- Cyan (0%)
- Magenta (6%)
- Yellow (10%)
- Black (10%)

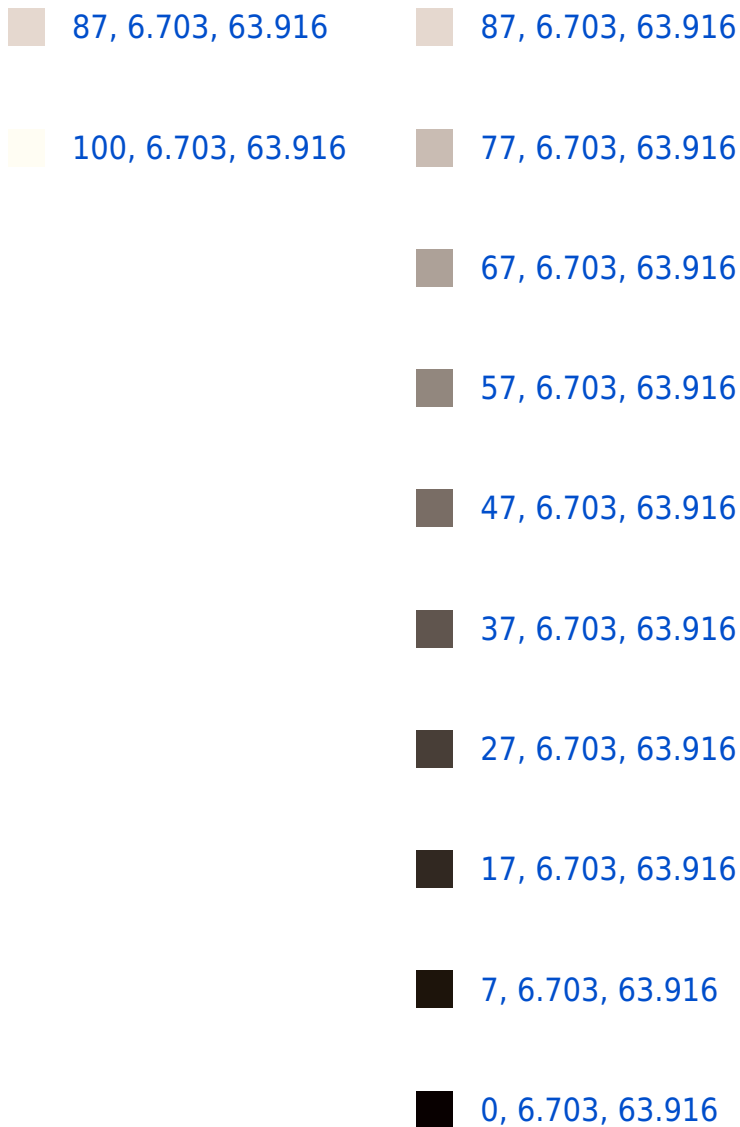


- Cyan (10%)
- Magenta (15%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 6.703, 63.916 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 87, 6.703, 63.916 by changing the saturation by 10% instead.



87, 6.703, 63.916

87, 6.703, 63.916

83, 14.104, 62.937

91, 0.265, 246.881

79, 21.978, 61.931

95, 6.846, 246.170

76, 30.355, 60.950

98, 8.977, 198.912

72, 39.234, 60.004

68, 48.553, 59.084

65, 58.128, 58.143

62, 67.521, 57.053

59, 75.846, 55.527

57, 82.124, 53.292

Harmonies

Complementary

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



87, 6.703, 63.916



87, 6.461, 246.189

Rectangle

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



87, 6.703, 63.916



87, 6.703, 113.916



87, 6.703, 243.916



87, 6.703, 293.916

Sweetspot

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



87, 6.703, 63.938



99, 2.235, 64.466



85, 10.587, 339.324



52, 1.700, 64.432



0, 0.000, 0.000



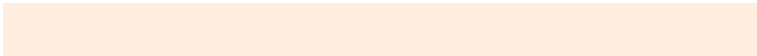
53, 0.007, 296.813

Same Dimension

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



87, 6.703, 63.938



95, 9.207, 63.697



90, 10.269, 104.789



46, 3.968, 63.954



45, 68.089, 53.859



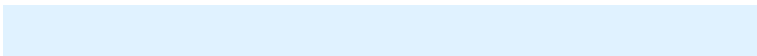
11, 21.218, 50.909

Inverse Universe

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



87, 6.461, 246.189



95, 8.778, 246.489



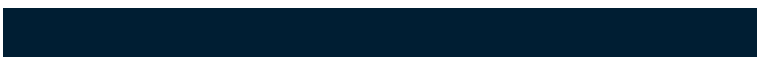
84, 10.455, 286.886



46, 3.828, 246.170



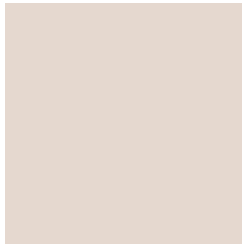
43, 45.845, 273.475



10, 17.007, 264.089

Previews

White Background



This preview shows how the CIELCh color 87, 6.703, 63.916 looks on a white background.

Color Contrast Check

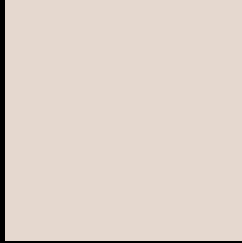
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 87, 6.703, 63.916 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

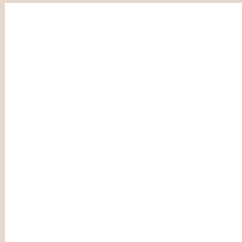
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 6.703, 63.916

Background



This preview shows how black text looks on a background with the CIELCh color 87, 6.703, 63.916.

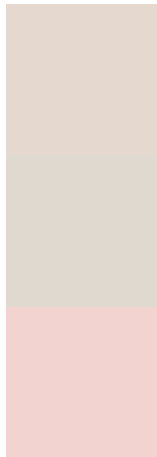


This preview shows how white text looks on a background with the CIELCh color 87, 6.703, 63.916.

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

87, 6.703, 63.916

Protanopia

87, 5.799, 83.317

Deuteranopia

87, 12.042, 27.650



Tritanopia
87, 11.462, 329.330

Trichromacy



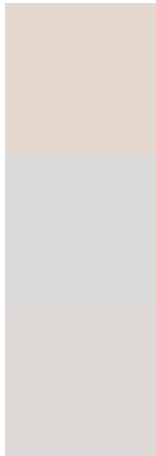
Original Color
87, 6.703, 63.916

Protanomaly
87, 6.163, 77.108

Deuteranomaly
87, 9.654, 35.602

Tritanomaly
87, 7.767, 347.379

Monochromacy



Original Color
87, 6.703, 63.916

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 2.381, 60.301

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 87, 6.703, 63.916 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(229, 216, 207)` looks like.

```
.text, #text, p{  
    color:rgb(229, 216, 207)  
}
```

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(229, 216, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 216, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 6.703, 63.916 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(229, 216, 207) }
```

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

```
.border{ border-color:rgb(229, 216, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 216, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 216, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 216, 207);  
box-shadow:4px 4px 4px 4px rgb(229, 216,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 6.703, 63.916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 216, 207) }
```

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

```
.background{ background-color: rgb(229,  
216, 207) }
```

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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