

Converting Colors

CIELCh(87, 6.789, 19.983)

Have a look what the booklet for
CIELCh(87, 6.789, 19.983) contains.

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Color

CIELCh(87, 6.594, 19.800)

Conversions

Conversions Part 1

Format	Color
Hex	E8D6D6
RGB	232, 214, 214
RGB Percent	91%, 84%, 84%
CMY	0.0907, 0.1613, 0.1613
CMYK	0.00, 0.08, 0.08, 0.09
HSL	0°, 28%, 87%
HSV	0°, 8%, 91%
XYZ	69.3677, 70.0064, 73.3849
YIQ	219.3820, 10.7280, 3.8160

Conversions

Conversions Part 2

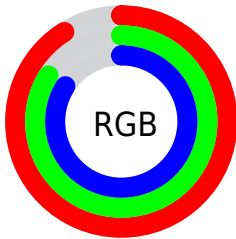
Format	Color
R _Y B	232, 214, 214
Decimal	15259350
CIE Lab	87.00, 6.20, 2.23
CIE LCh	87, 6.594, 19.800
Yxy	70.0064, 0.3260, 0.3290
Android (android.graphics.Color)	4293449430 (0xFFE8D6D6)
YUV	219.3820, -2.6533, 11.0660
Hunter-Lab	83.6698, 1.5658, 6.5670

Details

The CIELCh color **87, 6.594, 19.800** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **91, 6.278, 199.096**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 6.603, 19.938** is the 20% darker color. If you saturate the color by 10%, you get **81, 15.695, 20.650**, and if you desaturate by 10%, it is **93, 1.825, 199.645**.

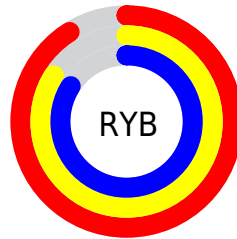
Distribution



Red (91%)

Green (84%)

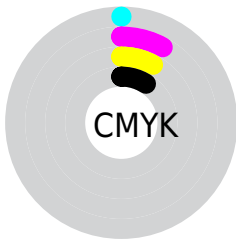
Blue (84%)



Red (91%)

Yellow (84%)

Blue (84%)

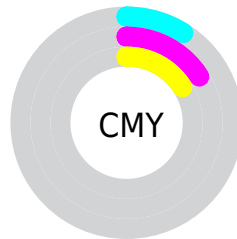


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (9%)



Cyan (9%)

Magenta (16%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 6.594, 19.800 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, 6.594, 19.800 by changing the saturation by 10% instead.



87, 6.594, 19.800

87, 6.594, 19.800

81, 15.695, 20.650

93, 1.825, 199.645

75, 25.499, 21.677

98, 7.900, 198.990

69, 35.967, 23.008

64, 46.976, 24.750

59, 58.297, 27.014

55, 69.587, 29.886

52, 80.364, 33.314

50, 89.778, 36.867

49, 96.120, 39.493

Harmonies

Complementary

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



87, 6.594, 19.800



91, 6.278, 199.096

Rectangle

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



87, 6.594, 19.800



87, 6.594, 69.800



87, 6.594, 199.800



87, 6.594, 249.800

Sweetspot

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



87, 6.592, 19.818



99, 1.794, 19.177



87, 11.436, 324.843



53, 1.020, 19.151



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, 6.592, 19.818



94, 8.298, 19.921



89, 5.695, 74.401



45, 4.816, 19.953



37, 79.981, 39.974



6, 27.100, 21.769

Inverse Universe

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



91, 6.278, 199.096



98, 7.837, 199.013



88, 5.599, 256.491



47, 4.536, 198.989



66, 38.334, 196.421



18, 16.087, 196.415

Previews

White Background



This preview shows how the CIELCh color 87, 6.594, 19.800 looks on a white background.

Color Contrast Check

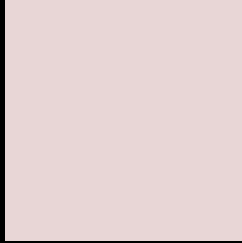
Large Text (above 18pt) WCAG AA × Fail

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 87, 6.594, 19.800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

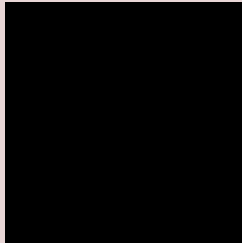
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

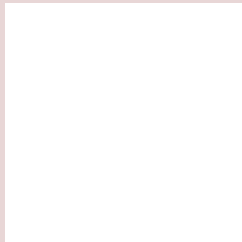
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 6.594, 19.800

Background



This preview shows how black text looks on a background with the CIELCh color 87, 6.594, 19.800.

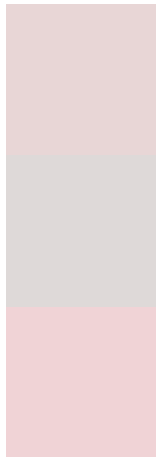


This preview shows how white text looks on a background with the CIELCh color 87, 6.594, 19.800.

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, 6.594, 19.800

Protanopia

87, 1.877, 35.354

Deuteranopia

87, 10.798, 11.863



Tritanopia
87, 11.543, 333.803

Trichromacy



Original Color
87, 6.594, 19.800

Protanomaly
87, 3.671, 27.667

Deuteranomaly
87, 9.253, 13.580

Tritanomaly
87, 8.946, 344.319

Monochromacy



Original Color
87, 6.594, 19.800

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 2.535, 19.357

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 6.594, 19.800 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(232, 214, 214)` looks like.

```
.text, #text, p{  
    color:rgb(232, 214, 214)  
}
```

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(232, 214, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 214, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 6.594, 19.800 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(232, 214, 214) }
```

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

```
.border{ border-color:rgb(232, 214, 214) }
```

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

Here you see how a box with a 4 pixel rgb(232, 214, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 214, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 214, 214);  
box-shadow:4px 4px 4px 4px rgb(232, 214,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 6.594, 19.800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 214, 214) }
```

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

```
.background{ background-color: rgb(232,  
214, 214) }
```

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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