

Converting Colors

CIELCh(87, 6.623, 57.550)

Have a look what the booklet for
CIELCh(87, 6.623, 57.550) contains.

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Color

CIELCh(87, 6.637, 58.506)

Conversions

Conversions Part 1

Format	Color
Hex	E5D7CF
RGB	229, 215, 207
RGB Percent	90%, 84%, 81%
CMY	0.1006, 0.1555, 0.1869
CMYK	0.00, 0.06, 0.10, 0.10
HSL	22°, 30%, 86%
HSV	22°, 10%, 90%
XYZ	68.1101, 70.0064, 69.1674
YIQ	218.2740, 10.9120, 0.4800

Conversions

Conversions Part 2

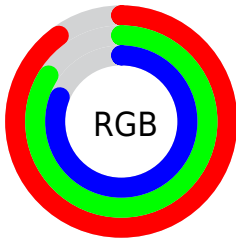
Format	Color
R_{YB}	229, 220, 207
Decimal	15062991
CIE _{Lab}	87.00, 3.47, 5.66
CIE _{LCh}	87, 6.637, 58.506
Yxy	70.0064, 0.3286, 0.3377
Android (android.graphics.Color)	4293253071 (0xFFE5D7CF)
YUV	218.2740, -5.5581, 9.4067
Hunter-Lab	83.6698, -1.1170, 9.5556

Details

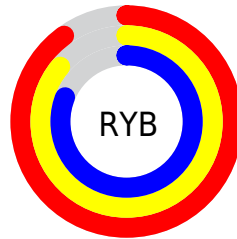
The CIELCh color **87, 6.637, 58.506** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **87, 6.354, 240.519**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 6.389, 56.733** is the 20% darker color. If you saturate the color by 10%, you get **83, 14.028, 57.691**, and if you desaturate by 10%, it is **91, 0.277, 241.387**.

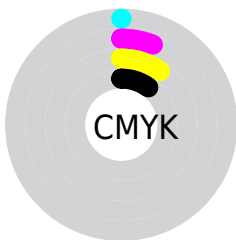
Distribution



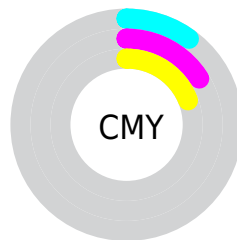
- Red (90%)
- Green (84%)
- Blue (81%)



- Red (90%)
- Yellow (86%)
- Blue (81%)



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



- Cyan (10%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 6.637, 58.506 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, 6.637, 58.506 by changing the saturation by 10% instead.



87, 6.637, 58.506

87, 6.637, 58.506

83, 14.028, 57.691

91, 0.277, 241.387

79, 21.945, 56.868

96, 6.764, 240.506

75, 30.421, 56.097

98, 8.740, 198.929

71, 39.466, 55.391

67, 49.028, 54.747

64, 58.934, 54.125

61, 68.765, 53.397

58, 77.620, 52.259

55, 84.409, 50.404

Harmonies

Complementary

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



87, 6.637, 58.506



87, 6.354, 240.519

Rectangle

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



87, 6.637, 58.506



87, 6.637, 108.506



87, 6.637, 238.506



87, 6.637, 288.506

Sweetspot

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



87, 6.637, 58.529



99, 2.209, 58.946



85, 10.970, 337.037



52, 1.680, 58.927



0, 0.000, 0.000



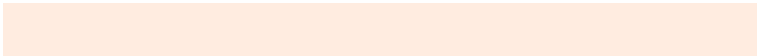
53, 0.007, 296.813

Same Dimension

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



87, 6.637, 58.529



94, 9.123, 58.325



90, 9.751, 102.188



46, 3.929, 58.540



43, 69.797, 50.955



10, 21.582, 46.400

Inverse Universe

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



87, 6.354, 240.519



95, 8.624, 240.784



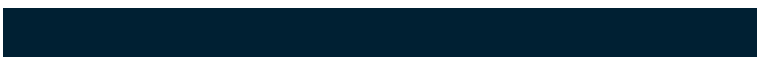
85, 9.898, 284.373



46, 3.764, 240.504



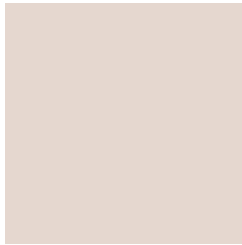
46, 41.896, 266.898



11, 15.901, 257.412

Previews

White Background



This preview shows how the CIELCh color 87, 6.637, 58.506 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, 6.637, 58.506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

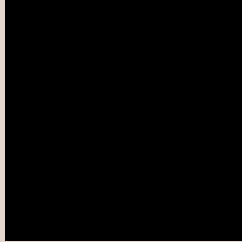
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

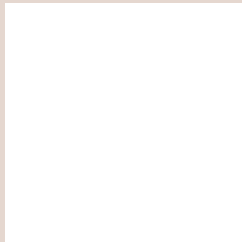
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 6.637, 58.506

Background



This preview shows how black text looks on a background with the CIELCh color 87, 6.637, 58.506.

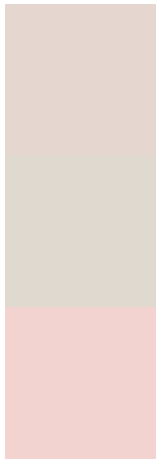


This preview shows how white text looks on a background with the CIELCh color 87, 6.637, 58.506.

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, 6.637, 58.506

Protanopia
87, 5.334, 80.906

Deuteranopia
87, 12.042, 27.650



Tritanopia
87, 11.462, 329.330

Trichromacy



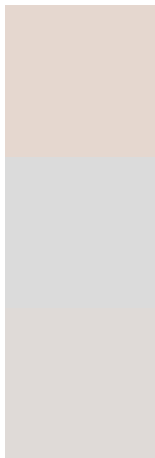
Original Color
87, 6.637, 58.506

Protanomaly
87, 5.548, 68.193

Deuteranomaly
87, 9.654, 35.602

Tritanomaly
87, 7.767, 347.379

Monochromacy



Original Color
87, 6.637, 58.506

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 2.379, 60.302

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 6.637, 58.506 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, 215, 207)` looks like.

```
.text, #text, p{  
    color:rgb(229, 215, 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, 215, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 215, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 6.637, 58.506 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, 215, 207) }
```

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

```
.border{ border-color:rgb(229, 215, 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, 215, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 215, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 215, 207);  
box-shadow:4px 4px 4px 4px rgb(229, 215,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 6.637, 58.506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 215, 207) }
```

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

```
.background{ background-color: rgb(229,  
215, 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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