

Converting Colors

CIELCh(57, 13.402, 20.829)

Have a look what the booklet for
CIELCh(57, 13.402, 20.829) contains.

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Color

CIELCh(57, 13.560, 20.830)

Conversions

Conversions Part 1

Format	Color
Hex	A28181
RGB	162, 129, 129
RGB Percent	64%, 51%, 51%
CMY	0.3652, 0.4945, 0.4945
CMYK	0.00, 0.20, 0.20, 0.37
HSL	0°, 15%, 57%
HSV	0°, 20%, 63%
XYZ	26.6674, 24.9227, 24.1356
YIQ	138.8670, 19.6680, 6.9960

Conversions

Conversions Part 2

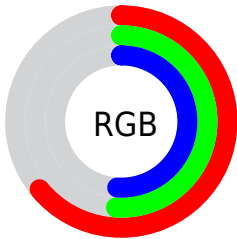
Format	Color
RYB	162, 129, 129
Decimal	10649985
CIELab	57.00, 12.67, 4.82
CIELCh	57, 13.560, 20.830
Yxy	24.9227, 0.3522, 0.3291
Android (android.graphics.Color)	4288840065 (0xFFA28181)
YUV	138.8670, -4.8644, 20.2876
Hunter-Lab	49.9226, 7.9858, 6.2814

Details

The CIELCh color $57, 13.560, 20.830$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $64, 11.890, 198.404$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 13.418, 20.482$, and $37, 13.521, 21.422$ is the 20% darker color. If you saturate the color by 10%, you get $53, 20.982, 21.891$, and if you desaturate by 10%, it is $62, 6.644, 19.996$.

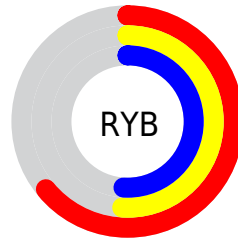
Distribution



Red (64%)

Green (51%)

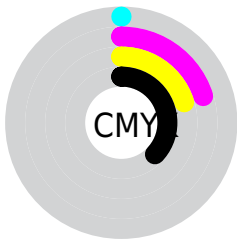
Blue (51%)



Red (64%)

Yellow (51%)

Blue (51%)

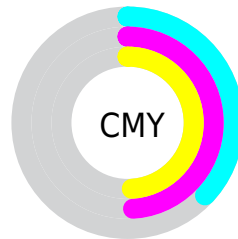


Cyan (0%)

Magenta (20%)

Yellow (20%)

Black (37%)



Cyan (37%)

Magenta (49%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 13.560, 20.830 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 57, 13.560, 20.830 by changing the saturation by 10% instead.

■ 57, 13.560, 20.830

■ 57, 13.560, 20.830

■ 100, 13.560,
20.830

■ 47, 13.560, 20.830

■ 77, 13.560, 20.830

■ 37, 13.560, 20.830

■ 87, 13.560, 20.830

■ 27, 13.560, 20.830

■ 97, 13.560, 20.830

■ 17, 13.560, 20.830

■ 7, 13.560, 20.830

■ 0, 13.560, 20.830

■ 57, 13.560, 20.830

■ 57, 13.560, 20.830

■ 53, 20.982, 21.891

■ 62, 6.644, 19.996

■ 48, 28.878, 23.254

■ 66, 0.235, 17.435

44, 37.147, 25.025

71, 5.699, 199.028

41, 45.613, 27.309

76, 11.199,
198.594

38, 54.021, 30.177

81, 16.313,
198.264

36, 62.014, 33.557

34, 68.955, 37.010

86, 21.084,
198.001

33, 74.171, 39.751

91, 25.556,
197.787

94, 28.904,
197.637

Harmonies

Complementary

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



57, 13.560, 20.830



64, 11.890, 198.404

Rectangle

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



57, 13.560, 20.830



57, 13.560, 70.830



57, 13.560, 200.830



57, 13.560, 250.830

Sweetspot

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



57, 13.559, 20.837



81, 4.699, 19.658



58, 22.524, 325.526



43, 3.149, 19.708



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



57, 13.559, 20.837



71, 20.170, 21.236



61, 11.490, 72.937



32, 3.629, 19.910



30, 68.062, 39.266



1, 5.463, 19.411

Inverse Universe

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



64, 11.890, 198.404



81, 17.185, 198.209



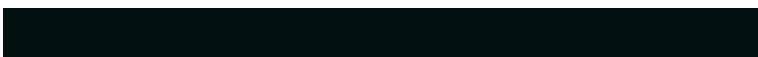
60, 10.900, 258.300



34, 3.427, 199.001



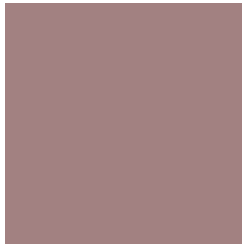
54, 32.963, 196.398



4, 5.463, 199.431

Previews

White Background



This preview shows how the CIELCh color 57, 13.560, 20.830 looks on a white background.

Color Contrast Check

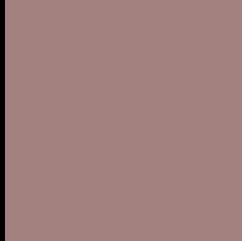
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 13.560, 20.830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

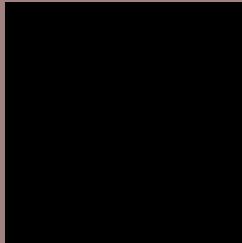
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 13.560, 20.830

Background



This preview shows how black text looks on a background with the CIELCh color 57, 13.560, 20.830.



This preview shows how white text looks on a background with the CIELCh color 57, 13.560, 20.830.

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

57, 13.560, 20.830

Protanopia

57, 2.319, 66.646

Deuteranopia

57, 8.895, 34.950



Tritanopia
57, 14.946, 1.167

Trichromacy



Original Color
57, 13.560, 20.830

Protanomaly
57, 6.064, 25.323

Deuteranomaly
57, 10.405, 29.789

Tritanomaly
57, 14.569, 7.564

Monochromacy



Original Color
57, 13.560, 20.830

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 4.787, 19.811

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 13.560, 20.830 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(162, 129, 129)` looks like.

```
.text, #text, p{  
    color:rgb(162, 129, 129)  
}
```

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(162, 129, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 129, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 13.560, 20.830 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(162, 129, 129) }
```

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

```
.border{ border-color:rgb(162, 129, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 129, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 129, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 129, 129); box-shadow:4px 4px 4px 4px rgb(162, 129, 129) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 13.560, 20.830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 129, 129) }
```

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

```
.background{ background-color: rgb(162,  
129, 129) }
```

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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