

Converting Colors

CIELCh(60, 27.988, 40.100)

Have a look what the booklet for
CIELCh(60, 27.988, 40.100) contains.

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Color

CIELCh(60, 27.791, 40.425)

Conversions

Conversions Part 1

Format	Color
Hex	BE8272
RGB	190, 130, 114
RGB Percent	75%, 51%, 45%
CMY	0.2549, 0.4902, 0.5530
CMYK	0.00, 0.32, 0.40, 0.25
HSL	13°, 37%, 60%
HSV	13°, 40%, 75%
XYZ	32.2509, 28.1233, 19.6453
YIQ	146.1160, 40.8960, 7.7440

Conversions

Conversions Part 2

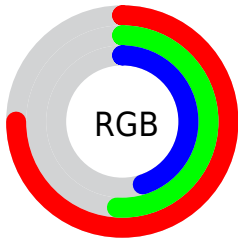
Format	Color
R _Y B	190, 134, 114
Decimal	12485234
CIE Lab	60.00, 21.16, 18.02
CIE LCh	60, 27.791, 40.425
Yxy	28.1233, 0.4030, 0.3515
Android (android.graphics.Color)	4290675314 (0xFFBE8272)
YUV	146.1160, -15.8332, 38.4863
Hunter-Lab	53.0314, 15.7493, 15.1582

Details

The CIELCh color $60, 27.791, 40.425$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $68, 20.901, 223.191$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 27.830, 39.996$, and $40, 27.603, 40.317$ is the 20% darker color. If you saturate the color by 10%, you get $56, 36.164, 40.761$, and if you desaturate by 10%, it is $64, 20.000, 40.288$.

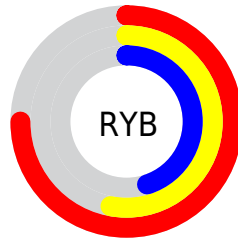
Distribution



Red (75%)

Green (51%)

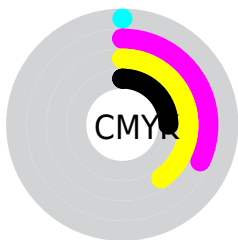
Blue (45%)



Red (75%)

Yellow (53%)

Blue (45%)

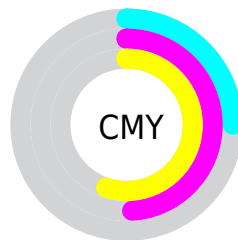


Cyan (0%)

Magenta (32%)

Yellow (40%)

Black (25%)



Cyan (25%)

Magenta (49%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 27.791, 40.425 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 60, 27.791, 40.425 by changing the saturation by 10% instead.

60, 27.791, 40.425

60, 27.791, 40.425

100, 27.791,
40.425

50, 27.791, 40.425

80, 27.791, 40.425

40, 27.791, 40.425

90, 27.791, 40.425

30, 27.791, 40.425

20, 27.791, 40.425

10, 27.791, 40.425

0, 27.791, 40.425

60, 27.791, 40.425

60, 27.791, 40.425

56, 36.164, 40.761

64, 20.000, 40.288

52, 45.070, 41.307

68, 12.793, 40.294

49, 54.360, 42.060

73, 6.141, 40.394

46, 63.688, 42.919

77, 0.009, 301.605

44, 72.276, 43.560

81, 5.684, 221.111

42, 79.230, 43.787

86, 10.959,
221.420

90, 15.873,
221.792

95, 19.551,
205.869

96, 21.103,
198.118

Harmonies

Complementary

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



60, 27.791, 40.425



68, 20.901, 223.191

Rectangle

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



60, 27.791, 40.425



60, 27.791, 90.425



60, 27.791, 220.425



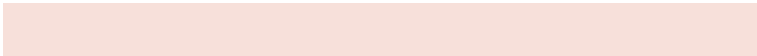
60, 27.791, 270.425

Sweetspot

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



60, 27.790, 40.430



91, 9.211, 40.369



58, 43.581, 333.127



48, 6.192, 40.354



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



60, 27.790, 40.430



72, 42.805, 40.709



69, 30.559, 88.607



38, 3.451, 40.400



35, 68.775, 44.101



4, 10.748, 33.391

Inverse Universe

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



68, 20.901, 223.191



84, 29.837, 224.266



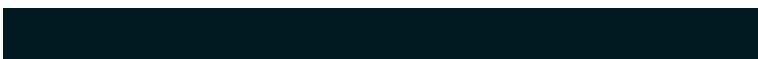
57, 30.852, 280.230



39, 3.260, 221.117



48, 30.873, 237.330



7, 9.478, 230.511

Previews

White Background



This preview shows how the CIELCh color 60, 27.791, 40.425 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 60, 27.791, 40.425 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 60, 27.791, 40.425

Background



This preview shows how black text looks on a background with the CIELCh color 60, 27.791, 40.425.



This preview shows how white text looks on a background with the CIELCh color 60, 27.791, 40.425.

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

60, 27.791, 40.425

Protanopia

60, 13.867, 94.772

Deuteranopia

60, 20.402, 67.622



Tritanopia
60, 26.972, 11.820

Trichromacy



Original Color
60, 27.791, 40.425

Protanomaly
60, 16.680, 67.455

Deuteranomaly
60, 22.190, 55.918

Tritanomaly
60, 26.353, 22.259

Monochromacy



Original Color
60, 27.791, 40.425

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 9.574, 40.722

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 27.791, 40.425 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(190, 130, 114)` looks like.

```
.text, #text, p{  
    color:rgb(190, 130, 114)  
}
```

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(190, 130, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 130, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 27.791, 40.425 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(190, 130, 114) }
```

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

```
.border{ border-color:rgb(190, 130, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 130, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 130, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 130, 114);  
box-shadow:4px 4px 4px 4px rgb(190, 130,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 27.791, 40.425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 130, 114) }
```

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

```
.background{ background-color: rgb(190,  
130, 114) }
```

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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