

Converting Colors

CIELCh(60, 29.027, 18.436)

Have a look what the booklet for
CIELCh(60, 29.027, 18.436) contains.

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Color

CIELCh(60, 28.728, 18.219)

Conversions

Conversions Part 1

Format	Color
Hex	C37E82
RGB	195, 126, 130
RGB Percent	76%, 49%, 51%
CMY	0.2354, 0.5060, 0.4903
CMYK	0.00, 0.35, 0.33, 0.24
HSL	357°, 36%, 63%
HSV	357°, 35%, 76%
XYZ	33.9822, 28.1233, 24.7464
YIQ	147.0870, 39.8400, 15.8720

Conversions

Conversions Part 2

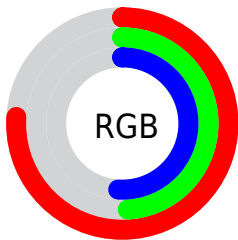
Format	Color
RYB	195, 126, 130
Decimal	12811906
CIELab	60.00, 27.29, 8.98
CIElCh	60, 28.728, 18.219
Yxy	28.1233, 0.3913, 0.3238
Android (android.graphics.Color)	4291001986 (0xFFC37E82)
YUV	147.0870, -8.4239, 42.0197
Hunter-Lab	53.0314, 21.5765, 9.4551

Details

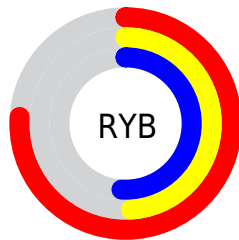
The CIELCh color **60, 28.728, 18.219** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **74, 23.102, 192.245**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 28.826, 17.717**, and **40, 28.515, 18.089** is the 20% darker color. If you saturate the color by 10%, you get **55, 37.890, 19.937**, and if you desaturate by 10%, it is **65, 19.957, 16.876**.

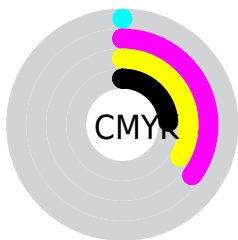
Distribution



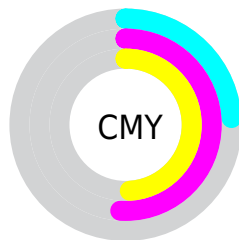
- Red (76%)
- Green (49%)
- Blue (51%)



- Red (76%)
- Yellow (49%)
- Blue (51%)



- Cyan (0%)
- Magenta (35%)
- Yellow (33%)
- Black (24%)



- Cyan (24%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 28.728, 18.219 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, 28.728, 18.219 by changing the saturation by 10% instead.

60, 28.728, 18.219

60, 28.728, 18.219

100, 28.728,
18.219

50, 28.728, 18.219

80, 28.728, 18.219

40, 28.728, 18.219

90, 28.728, 18.219

30, 28.728, 18.219

20, 28.728, 18.219

10, 28.728, 18.219

0, 28.728, 18.219

60, 28.728, 18.219

60, 28.728, 18.219

55, 37.890, 19.937

65, 19.957, 16.876

51, 47.262, 22.133

70, 11.685, 15.798

■ 47, 56.574, 24.932

■ 76, 3.948, 14.858

■ 44, 65.506, 28.401

■ 81, 3.259, 194.463

■ 42, 73.694, 32.425

■ 87, 9.970, 193.779

■ 41, 80.522, 36.455

■ 93, 16.226,
193.277

■ 41, 83.051, 37.863

■ 96, 19.623,
198.211

Harmonies

Complementary

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



60, 28.728, 18.219



74, 23.102, 192.245

Rectangle

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



60, 28.728, 18.219



60, 28.728, 68.219



60, 28.728, 198.219



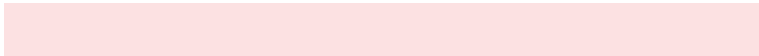
60, 28.728, 248.219

Sweetspot

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



60, 28.726, 18.223



92, 10.151, 15.399



62, 44.552, 324.386



48, 6.910, 15.527



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 28.726, 18.223



72, 42.939, 19.425



67, 23.564, 63.997



38, 4.194, 15.233



33, 71.477, 37.341



3, 14.031, 16.242

Inverse Universe

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



60, 28.726, 18.223



72, 42.939, 19.425



66, 20.448, 253.321



38, 4.194, 15.233



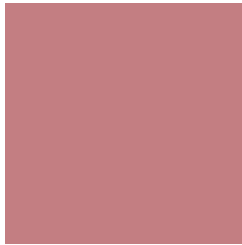
33, 71.477, 37.341



3, 14.031, 16.242

Previews

White Background



This preview shows how the CIELCh color 60, 28.728, 18.219 looks on a white background.

Color Contrast Check

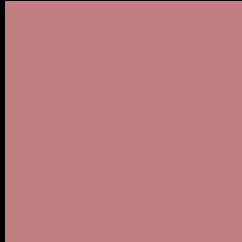
Large Text (above 18pt) WCAG AA ✓ Pass

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, 28.728, 18.219 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, 28.728, 18.219

Background



This preview shows how black text looks on a background with the CIELCh color 60, 28.728, 18.219.



This preview shows how white text looks on a background with the CIELCh color 60, 28.728, 18.219.

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, 28.728, 18.219

Protanopia

60, 2.979, 68.401

Deuteranopia

60, 12.404, 52.951



Tritanopia
60, 29.111, 11.813

Trichromacy



Original Color
60, 28.728, 18.219

Protanomaly
60, 11.781, 23.285

Deuteranomaly
60, 17.433, 32.111

Tritanomaly
60, 29.092, 13.998

Monochromacy



Original Color
60, 28.728, 18.219

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 10.059, 14.009

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 28.728, 18.219 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(195, 126, 130)` looks like.

```
.text, #text, p{  
    color:rgb(195, 126, 130)  
}
```

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(195, 126, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 126, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 28.728, 18.219 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(195, 126, 130) }
```

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

```
.border{ border-color:rgb(195, 126, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 126, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 126, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 126, 130);  
box-shadow:4px 4px 4px 4px rgb(195, 126,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 28.728, 18.219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 126, 130) }
```

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

```
.background{ background-color: rgb(195,  
126, 130) }
```

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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