

Converting Colors

CIELCh(64, 41.800, 23.815)

Have a look what the booklet for
CIELCh(64, 41.800, 23.815) contains.

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Color

CIELCh(64, 41.690, 23.978)

Conversions

Conversions Part 1

Format	Color
Hex	E27F7F
RGB	226, 127, 127
RGB Percent	89%, 50%, 50%
CMY	0.1145, 0.5026, 0.5026
CMYK	0.00, 0.44, 0.44, 0.11
HSL	360°, 63%, 69%
HSV	360°, 44%, 89%
XYZ	42.6925, 32.8017, 24.1049
YIQ	156.6010, 59.0040, 20.9880

Conversions

Conversions Part 2

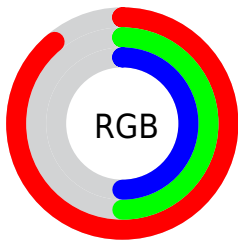
Format	Color
R_{YB}	226, 127, 127
Decimal	14843775
CIE Lab	64.00, 38.09, 16.94
CIE LCh	64, 41.690, 23.978
Yxy	32.8017, 0.4286, 0.3293
Android (android.graphics.Color)	4293033855 (0xFFE27F7F)
YUV	156.6010, -14.5933, 60.8629
Hunter-Lab	57.2727, 32.8310, 15.1370

Details

The CIELCh color **64, 41.690, 23.978** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **84, 30.398, 197.368**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 29.022, 22.852**, and **44, 41.700, 23.745** is the 20% darker color. If you saturate the color by 10%, you get **59, 52.681, 26.022**, and if you desaturate by 10%, it is **69, 31.102, 22.418**.

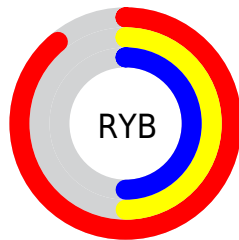
Distribution



Red (89%)

Green (50%)

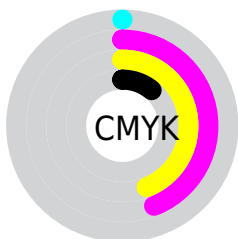
Blue (50%)



Red (89%)

Yellow (50%)

Blue (50%)

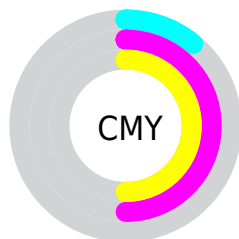


Cyan (0%)

Magenta (44%)

Yellow (44%)

Black (11%)



Cyan (11%)

Magenta (50%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 41.690, 23.978 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 64, 41.690, 23.978 by changing the saturation by 10% instead.

64, 41.690, 23.978

64, 41.690, 23.978

100, 41.690,
23.978

54, 41.690, 23.978

84, 41.690, 23.978

44, 41.690, 23.978

94, 41.690, 23.978

34, 41.690, 23.978

24, 41.690, 23.978

14, 41.690, 23.978

4, 41.690, 23.978

0, 41.690, 23.978

64, 41.690, 23.978

64, 41.690, 23.978

59, 52.681, 26.022

69, 31.102, 22.418

■ 55, 63.791, 28.642

■ 75, 21.104, 21.221

■ 51, 74.610, 31.867

■ 81, 11.777, 20.288

■ 49, 84.510, 35.458

■ 87, 3.135, 19.444

■ 48, 92.150, 38.599

■ 94, 4.853, 199.212

■ 47, 95.395, 40.000

■ 98, 9.906, 198.847

Harmonies

Complementary

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



64, 41.690, 23.978



84, 30.398, 197.368

Rectangle

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



64, 41.690, 23.978



64, 41.690, 73.978



64, 41.690, 203.978



64, 41.690, 253.978

Sweetspot

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



64, 41.688, 23.981



91, 12.182, 20.226



67, 62.281, 326.273



47, 8.600, 20.413



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 41.688, 23.981



67, 57.176, 25.913



75, 34.105, 68.230



44, 4.728, 19.932



36, 79.113, 39.952



6, 25.541, 20.938

Inverse Universe

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



64, 41.688, 23.981



67, 57.176, 25.913



71, 29.630, 261.409



44, 4.728, 19.932



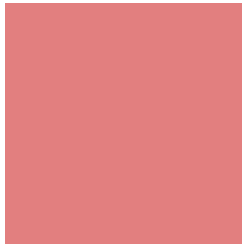
36, 79.113, 39.952



6, 25.541, 20.938

Previews

White Background



This preview shows how the CIELCh color 64, 41.690, 23.978 looks on a white background.

Color Contrast Check

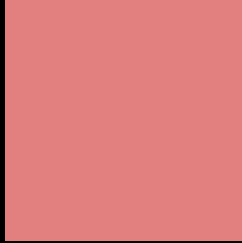
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 64, 41.690, 23.978 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 64, 41.690, 23.978

Background



This preview shows how black text looks on a background with the CIELCh color 64, 41.690, 23.978.

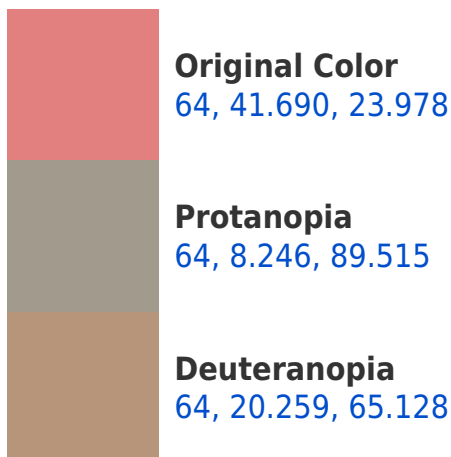


This preview shows how white text looks on a background with the CIELCh color 64, 41.690, 23.978.

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





Tritanopia
64, 41.354, 17.389

Trichromacy



Original Color
64, 41.690, 23.978

Protanomaly
64, 17.300, 37.525

Deuteranomaly
64, 26.299, 42.258

Tritanomaly
64, 41.555, 19.642

Monochromacy



Original Color
64, 41.690, 23.978

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 14.476, 20.801

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 41.690, 23.978 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(226, 127, 127)` looks like.

```
.text, #text, p{  
    color:rgb(226, 127, 127)  
}
```

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(226, 127, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 127, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 41.690, 23.978 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(226, 127, 127) }
```

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

```
.border{ border-color:rgb(226, 127, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 127, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 127, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 127, 127);  
box-shadow:4px 4px 4px 4px rgb(226, 127,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 41.690, 23.978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 127, 127) }
```

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

```
.background{ background-color: rgb(226,  
127, 127) }
```

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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