

Converting Colors

CIELCh(64, 45.671, 35.411)

Have a look what the booklet for
CIELCh(64, 45.671, 35.411) contains.

CIELCh(64, 45.671, 35.411)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(64, 45.671, 35.411)

Conversions

Conversions Part 1

Format	Color
Hex	E47F6E
RGB	228, 127, 110
RGB Percent	89%, 50%, 43%
CMY	0.1059, 0.5019, 0.5686
CMYK	0.00, 0.44, 0.52, 0.11
HSL	9°, 69%, 66%
HSV	9°, 52%, 89%
XYZ	42.4023, 32.8017, 18.8502
YIQ	155.2610, 65.6530, 16.1250

Conversions

Conversions Part 2

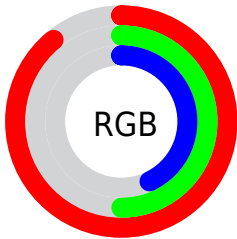
Format	Color
R_{YB}	228, 130, 110
Decimal	14974830
CIE Lab	64.00, 37.22, 26.46
CIE LCh	64, 45.671, 35.411
Yxy	32.8017, 0.4508, 0.3488
Android (android.graphics.Color)	4293164910 (0xFFE47F6E)
YUV	155.2610, -22.3137, 63.7921
Hunter-Lab	57.2727, 31.9266, 20.5768

Details

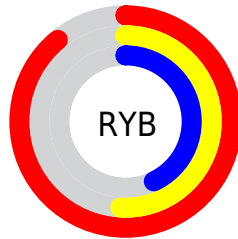
The CIELCh color **64, 45.671, 35.411** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **79, 30.423, 215.019**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 31.913, 39.763**, and **44, 45.790, 35.764** is the 20% darker color. If you saturate the color by 10%, you get **60, 56.451, 36.620**, and if you desaturate by 10%, it is **69, 35.433, 34.524**.

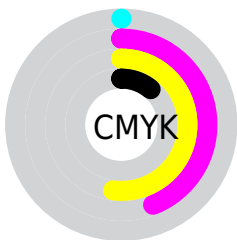
Distribution



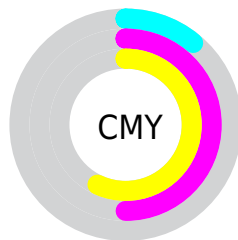
- Red (89%)
- Green (50%)
- Blue (43%)



- Red (89%)
- Yellow (51%)
- Blue (43%)



- Cyan (0%)
- Magenta (44%)
- Yellow (52%)
- Black (11%)



- Cyan (11%)
- Magenta (50%)
- Yellow (57%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 45.671, 35.411 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, 45.671, 35.411 by changing the saturation by 10% instead.

 64, 45.671, 35.411

 64, 45.671, 35.411

 100, 45.671,
35.411

 54, 45.671, 35.411

 84, 45.671, 35.411

 44, 45.671, 35.411

 94, 45.671, 35.411

 34, 45.671, 35.411

 24, 45.671, 35.411

 14, 45.671, 35.411

 4, 45.671, 35.411

 0, 45.671, 35.411

 64, 45.671, 35.411

 64, 45.671, 35.411

 60, 56.451, 36.620

 69, 35.433, 34.524

56, 67.525, 38.134

74, 25.860, 33.903

53, 78.360, 39.815

79, 16.987, 33.498

50, 87.780, 41.182

84, 8.800, 33.242

49, 93.460, 41.775

90, 1.258, 32.735

95, 5.696, 213.334

98, 9.182, 198.897

Harmonies

Complementary

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



64, 45.671, 35.411



79, 30.423, 215.019

Rectangle

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



64, 45.671, 35.411



64, 45.671, 85.411



64, 45.671, 215.411



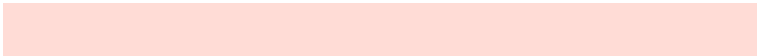
64, 45.671, 265.411

Sweetspot

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



64, 45.669, 35.415



90, 13.360, 33.340



64, 66.918, 331.458



47, 9.099, 33.393



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, 45.669, 35.415



66, 62.188, 36.707



77, 44.033, 81.374



45, 4.235, 33.193



38, 77.484, 42.071



8, 24.509, 29.723

Inverse Universe

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



79, 30.423, 215.019



86, 37.343, 216.141



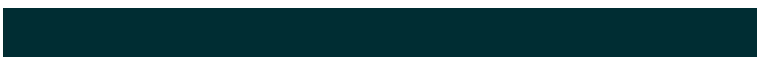
63, 42.790, 278.233



47, 3.984, 213.324



58, 33.395, 223.319



16, 14.134, 218.626

Previews

White Background



This preview shows how the CIELCh color 64, 45.671, 35.411 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, 45.671, 35.411 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, 45.671, 35.411

Background



This preview shows how black text looks on a background with the CIELCh color 64, 45.671, 35.411.



This preview shows how white text looks on a background with the CIELCh color 64, 45.671, 35.411.

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, 43.910, 18.150

Trichromacy



Original Color
64, 45.671, 35.411

Protanomaly
64, 24.430, 58.061

Deuteranomaly
64, 33.073, 55.392

Tritanomaly
64, 43.912, 24.278

Monochromacy



Original Color
64, 45.671, 35.411

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 15.514, 33.106

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 45.671, 35.411 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(228, 127, 110)` looks like.

```
.text, #text, p{  
    color:rgb(228, 127, 110)  
}
```

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(228, 127, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 127, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 45.671, 35.411 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(228, 127, 110) }
```

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

```
.border{ border-color:rgb(228, 127, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 127, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 127, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 127, 110);  
box-shadow:4px 4px 4px 4px rgb(228, 127,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 45.671, 35.411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 127, 110) }
```

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

```
.background{ background-color: rgb(228,  
127, 110) }
```

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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