

Converting Colors

CIELCh(64, 49.882, 29.867)

Have a look what the booklet for
CIELCh(64, 49.882, 29.867) contains.

CIELCh(64, 50.124, 29.752)	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, 50.124, 29.752)

Conversions

Conversions Part 1	
Format	Color
Hex	EC7971
RGB	236, 121, 113
RGB Percent	93%, 47%, 44%
CMY	0.0735, 0.5246, 0.5560
CMYK	0.00, 0.49, 0.52, 0.07
HSL	4°, 77%, 69%
HSV	4°, 52%, 93%
XYZ	44.5327, 32.8017, 19.6682
YIQ	154.4730, 71.1080, 21.8920

Conversions

Conversions Part 2

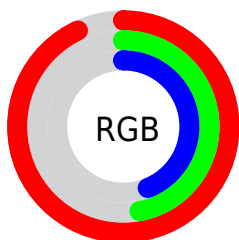
Format	Color
RYB	236, 122, 113
Decimal	15497585
CIELab	64.00, 43.52, 24.87
CIELCh	64, 50.124, 29.752
Yxy	32.8017, 0.4591, 0.3382
Android (android.graphics.Color)	4293687665 (0xFFEC7971)
YUV	154.4730, -20.4462, 71.4992
Hunter-Lab	57.2727, 38.5663, 19.7300

Details

The CIELCh color **64, 50.124, 29.752** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **85, 33.472, 204.577**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 32.775, 31.227**, and **44, 50.122, 30.013** is the 20% darker color. If you saturate the color by 10%, you get **59, 61.530, 31.699**, and if you desaturate by 10%, it is **69, 39.109, 28.258**.

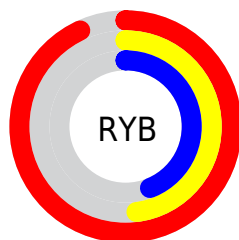
Distribution



Red (93%)

Green (47%)

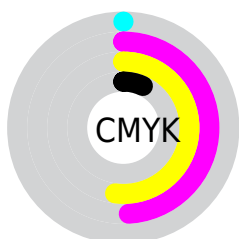
Blue (44%)



Red (93%)

Yellow (48%)

Blue (44%)

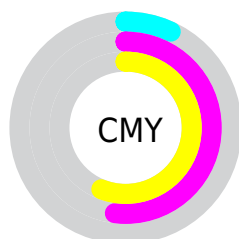


Cyan (0%)

Magenta (49%)

Yellow (52%)

Black (7%)



Cyan (7%)

Magenta (52%)

Yellow (56%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 50.124, 29.752 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, 50.124, 29.752 by changing the saturation by 10% instead.

 64, 50.124, 29.752

 64, 50.124, 29.752

 100, 50.124,
29.752

 54, 50.124, 29.752

 84, 50.124, 29.752

 44, 50.124, 29.752

 94, 50.124, 29.752

 34, 50.124, 29.752

 24, 50.124, 29.752

 14, 50.124, 29.752

 4, 50.124, 29.752

 0, 50.124, 29.752

 64, 50.124, 29.752

 64, 50.124, 29.752

 59, 61.530, 31.699

 69, 39.109, 28.258

 56, 72.996, 34.107

 74, 28.691, 27.130

 53, 83.920, 36.819

 80, 18.966, 26.291

 51, 93.022, 39.237

 86, 9.959, 25.656

 50, 97.856, 40.533

 92, 1.647, 24.900

 98, 6.018, 205.078

 99, 6.430, 199.101

Harmonies

Complementary

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



64, 50.124, 29.752



85, 33.472, 204.577

Rectangle

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



64, 50.124, 29.752



64, 50.124, 79.752



64, 50.124, 209.752



64, 50.124, 259.752

Sweetspot

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



64, 50.121, 29.755



90, 14.263, 25.890



66, 73.215, 328.661



46, 9.712, 26.021



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, 50.121, 29.755



64, 65.403, 31.737



77, 43.760, 73.696



46, 4.606, 25.509



38, 79.943, 40.706



8, 27.217, 26.204

Inverse Universe

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



85, 33.472, 204.577



89, 39.718, 204.848



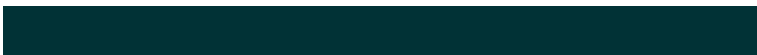
68, 39.492, 270.884



48, 4.332, 204.993



63, 35.644, 207.431



18, 15.426, 205.686

Previews

White Background



This preview shows how the CIELCh color 64, 50.124, 29.752 looks on a white background.

Color Contrast Check

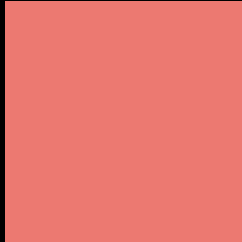
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 64, 50.124, 29.752 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, 50.124, 29.752

Background



This preview shows how black text looks on a background with the CIELCh color 64, 50.124, 29.752.



This preview shows how white text looks on a background with the CIELCh color 64, 50.124, 29.752.

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

64, 50.124, 29.752

Protanopia

64, 14.875, 94.211

Deuteranopia

64, 27.888, 73.523

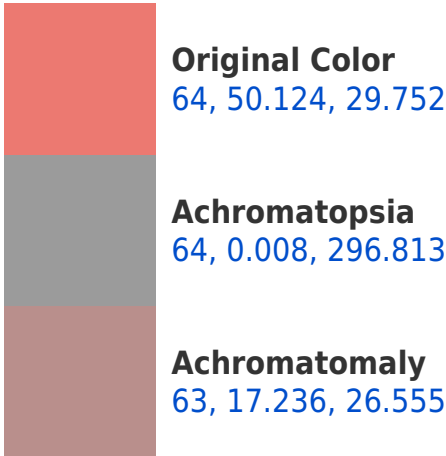


Tritanopia
64, 49.077, 19.607

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 50.124, 29.752 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(236, 121, 113)` looks like.

```
.text, #text, p{  
    color:rgb(236, 121, 113)  
}
```

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(236, 121, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 121, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 50.124, 29.752 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(236, 121, 113) }
```

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

```
.border{ border-color:rgb(236, 121, 113) }
```

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

Here you see how a box with a 4 pixel rgb(236, 121, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 121, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 121, 113);  
box-shadow:4px 4px 4px 4px rgb(236, 121,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 50.124, 29.752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 121, 113) }
```

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

```
.background{ background-color: rgb(236,  
121, 113) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor