

Converting Colors

CIELCh(62, 52.489, 21.290)

Have a look what the booklet for
CIELCh(62, 52.489, 21.290) contains.

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Color

CIELCh(62, 52.514, 21.251)

Conversions

Conversions Part 1

Format	Color
Hex	EC6F77
RGB	236, 111, 119
RGB Percent	93%, 44%, 47%
CMY	0.0759, 0.5659, 0.5344
CMYK	0.00, 0.53, 0.50, 0.08
HSL	356°, 76%, 68%
HSV	356°, 53%, 92%
XYZ	43.4428, 30.4025, 20.9430
YIQ	149.2870, 71.9320, 28.9880

Conversions

Conversions Part 2

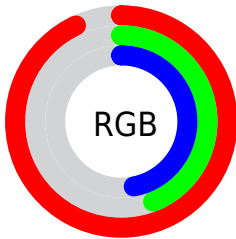
Format	Color
R _Y B	236, 111, 119
Decimal	15495031
CIE Lab	62.00, 48.94, 19.03
CIE LCh	62, 52.514, 21.251
Yxy	30.4025, 0.4583, 0.3207
Android (android.graphics.Color)	4293685111 (0xFFEC6F77)
YUV	149.2870, -14.9315, 76.0473
Hunter-Lab	55.1385, 44.1452, 16.0771

Details

The CIELCh color **62, 52.514, 21.251** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **86, 37.259, 190.428**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 35.247, 18.366**, and **42, 52.680, 21.132** is the 20% darker color. If you saturate the color by 10%, you get **58, 63.347, 23.986**, and if you desaturate by 10%, it is **67, 41.648, 19.119**.

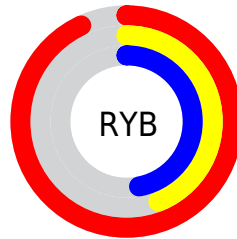
Distribution



Red (93%)

Green (44%)

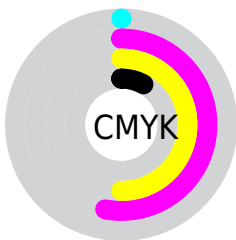
Blue (47%)



Red (93%)

Yellow (44%)

Blue (47%)

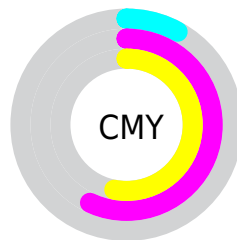


Cyan (0%)

Magenta (53%)

Yellow (50%)

Black (8%)



Cyan (8%)

Magenta (57%)

Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 52.514, 21.251 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 62, 52.514, 21.251 by changing the saturation by 10% instead.

 62, 52.514, 21.251

 62, 52.514, 21.251

 100, 52.514,
21.251

 52, 52.514, 21.251

 82, 52.514, 21.251

 42, 52.514, 21.251

 92, 52.514, 21.251

 32, 52.514, 21.251

 22, 52.514, 21.251

 12, 52.514, 21.251

 2, 52.514, 21.251

 0, 52.514, 21.251

 62, 52.514, 21.251

 62, 52.514, 21.251

 58, 63.347, 23.986

 67, 41.648, 19.119

■ 54, 73.782, 27.406

■ 73, 31.063, 17.455

■ 51, 83.411, 31.449

■ 79, 20.961, 16.145

■ 50, 91.624, 35.660

■ 85, 11.451, 15.088

■ 49, 95.964, 38.036

■ 91, 2.566, 14.070

■ 98, 5.708, 193.735

■ 99, 6.630, 199.086

Harmonies

Complementary

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



62, 52.514, 21.251



86, 37.259, 190.428

Rectangle

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



62, 52.514, 21.251



62, 52.514, 71.251



62, 52.514, 201.251



62, 52.514, 251.251

Sweetspot

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



62, 52.511, 21.254



89, 15.160, 15.389



65, 75.887, 325.149



46, 10.310, 15.603



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 52.511, 21.254



62, 68.661, 24.375



73, 43.424, 62.087



46, 4.915, 14.751



38, 78.170, 37.432



7, 28.275, 20.104

Inverse Universe

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



62, 52.511, 21.254



62, 68.661, 24.375



71, 34.603, 257.878



46, 4.915, 14.751



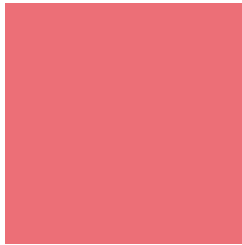
38, 78.170, 37.432



7, 28.275, 20.104

Previews

White Background



This preview shows how the CIELCh color 62, 52.514, 21.251 looks on a white background.

Color Contrast Check

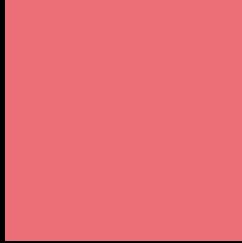
Large Text (above 18pt) WCAG AA × Fail

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 62, 52.514, 21.251 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 62, 52.514, 21.251

Background



This preview shows how black text looks on a background with the CIELCh color 62, 52.514, 21.251.

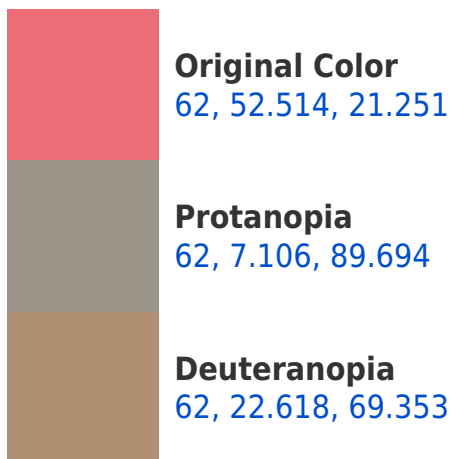


This preview shows how white text looks on a background with the CIELCh color 62, 52.514, 21.251.

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](#).

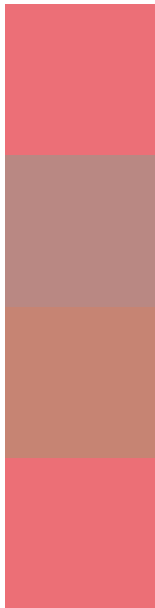
Dichromacy





Tritanopia
62, 52.632, 21.838

Trichromacy



Original Color
62, 52.514, 21.251

Protanomaly
61, 20.629, 29.129

Deuteranomaly
61, 30.469, 39.942

Tritanomaly
62, 52.632, 21.838

Monochromacy



Original Color
62, 52.514, 21.251

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 18.797, 16.296

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 52.514, 21.251 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, 111, 119)` looks like.

```
.text, #text, p{  
    color:rgb(236, 111, 119)  
}
```

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, 111, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 111, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 52.514, 21.251 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, 111, 119) }
```

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

```
.border{ border-color:rgb(236, 111, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 111, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 111, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 111, 119);  
box-shadow:4px 4px 4px 4px rgb(236, 111,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 52.514, 21.251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 111, 119) }
```

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

```
.background{ background-color: rgb(236,  
111, 119) }
```

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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