

Converting Colors

CIELCh(61, 48.557, 25.761)

Have a look what the booklet for
CIELCh(61, 48.557, 25.761) contains.

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Color

CIELCh(61, 48.626, 25.804)

Conversions

Conversions Part 1

Format	Color
Hex	E27170
RGB	226, 113, 112
RGB Percent	89%, 44%, 44%
CMY	0.1127, 0.5559, 0.5599
CMYK	0.00, 0.50, 0.50, 0.11
HSL	1°, 66%, 66%
HSV	1°, 50%, 89%
XYZ	40.3145, 29.2481, 18.9134
YIQ	146.6730, 67.6690, 23.6450

Conversions

Conversions Part 2

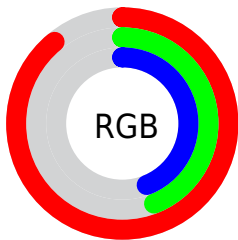
Format	Color
R _Y B	226, 113, 112
Decimal	14840176
CIE Lab	61.00, 43.78, 21.17
CIE LCh	61, 48.626, 25.804
Yxy	29.2481, 0.4557, 0.3306
Android (android.graphics.Color)	4293030256 (0xFFE27170)
YUV	146.6730, -17.0938, 69.5698
Hunter-Lab	54.0815, 38.4183, 17.1222

Details

The CIELCh color **61, 48.626, 25.804** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **83, 33.481, 198.102**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 35.426, 25.068**, and **41, 48.432, 26.140** is the 20% darker color. If you saturate the color by 10%, you get **56, 59.735, 28.145**, and if you desaturate by 10%, it is **66, 37.772, 24.002**.

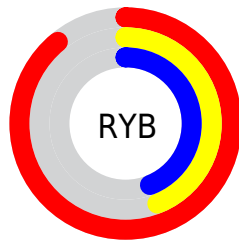
Distribution



Red (89%)

Green (44%)

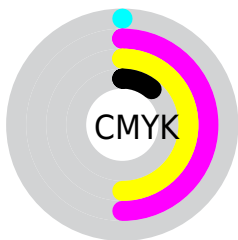
Blue (44%)



Red (89%)

Yellow (44%)

Blue (44%)

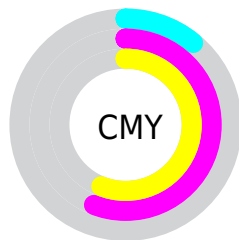


Cyan (0%)

Magenta (50%)

Yellow (50%)

Black (11%)



Cyan (11%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 48.626, 25.804 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 61, 48.626, 25.804 by changing the saturation by 10% instead.

61, 48.626, 25.804

61, 48.626, 25.804

100, 48.626,
25.804

51, 48.626, 25.804

81, 48.626, 25.804

41, 48.626, 25.804

91, 48.626, 25.804

31, 48.626, 25.804

21, 48.626, 25.804

11, 48.626, 25.804

1, 48.626, 25.804

0, 48.626, 25.804

61, 48.626, 25.804

61, 48.626, 25.804

56, 59.735, 28.145

66, 37.772, 24.002

53, 70.752, 31.074

72, 27.421, 22.623

50, 81.148, 34.479

77, 17.706, 21.565

48, 89.899, 37.793

84, 8.677, 20.731

47, 95.425, 40.073

90, 0.325, 18.319

96, 7.392, 199.789

98, 9.757, 198.857

Harmonies

Complementary

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



61, 48.626, 25.804



83, 33.481, 198.102

Rectangle

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



61, 48.626, 25.804



61, 48.626, 75.804



61, 48.626, 205.804



61, 48.626, 255.804

Sweetspot

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



61, 48.623, 25.807



90, 14.044, 21.102



64, 71.044, 327.065



46, 9.663, 21.281



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 48.623, 25.807



63, 65.377, 28.143



73, 40.076, 69.076



44, 4.686, 20.657



36, 78.989, 40.056



6, 25.383, 21.376

Inverse Universe

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



83, 33.481, 198.102



92, 41.325, 197.886



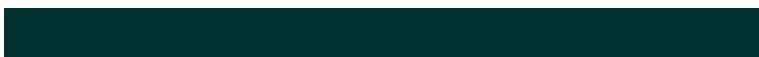
68, 34.591, 265.089



46, 4.413, 199.752



65, 37.459, 197.774



17, 15.419, 197.545

Previews

White Background



This preview shows how the CIELCh color 61, 48.626, 25.804 looks on a white background.

Color Contrast Check

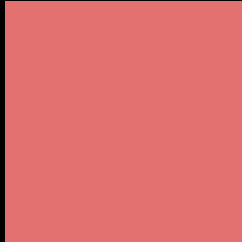
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 61, 48.626, 25.804 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 61, 48.626, 25.804

Background



This preview shows how black text looks on a background with the CIELCh color 61, 48.626, 25.804.

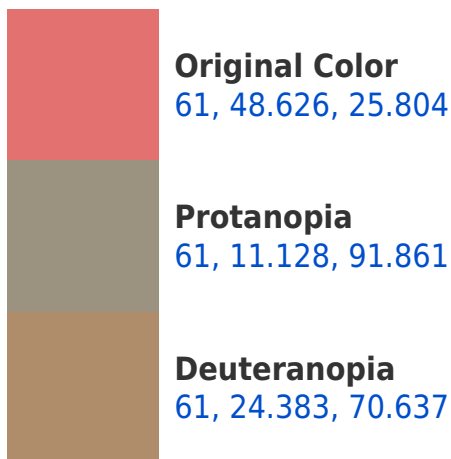


This preview shows how white text looks on a background with the CIELCh color 61, 48.626, 25.804.

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
61, 48.367, 20.274

Trichromacy



Original Color
61, 48.626, 25.804

Protanomaly
60, 20.992, 41.291

Deuteranomaly
61, 30.687, 45.134

Tritanomaly
61, 48.697, 22.194

Monochromacy



Original Color
61, 48.626, 25.804

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 16.848, 23.011

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 48.626, 25.804 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, 113, 112)` looks like.

```
.text, #text, p{  
    color:rgb(226, 113, 112)  
}
```

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, 113, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 113, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 48.626, 25.804 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, 113, 112) }
```

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

```
.border{ border-color:rgb(226, 113, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 113, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 113, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 113, 112);  
box-shadow:4px 4px 4px 4px rgb(226, 113,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 48.626, 25.804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 113, 112) }
```

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

```
.background{ background-color: rgb(226,  
113, 112) }
```

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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