

Converting Colors

CIELCh(61, 47.871, 25.412)

Have a look what the booklet for
CIELCh(61, 47.871, 25.412) contains.

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Color

CIELCh(61, 47.715, 25.675)

Conversions

Conversions Part 1

Format	Color
Hex	E17271
RGB	225, 114, 113
RGB Percent	88%, 45%, 44%
CMY	0.1175, 0.5528, 0.5567
CMYK	0.00, 0.49, 0.50, 0.12
HSL	1°, 65%, 66%
HSV	1°, 50%, 88%
XYZ	40.0660, 29.2481, 19.1653
YIQ	147.0750, 66.4770, 23.2210

Conversions

Conversions Part 2

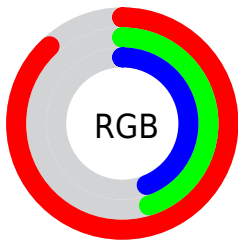
Format	Color
R _Y B	225, 114, 113
Decimal	14774897
CIE Lab	61.00, 43.00, 20.67
CIE LCh	61, 47.715, 25.675
Yxy	29.2481, 0.4528, 0.3306
Android (android.graphics.Color)	4292964977 (0xFFE17271)
YUV	147.0750, -16.7990, 68.3402
Hunter-Lab	54.0815, 37.5981, 16.8460

Details

The CIELCh color **61, 47.715, 25.675** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **83, 33.033, 198.123**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 34.974, 25.045**, and **41, 47.489, 25.860** is the 20% darker color. If you saturate the color by 10%, you get **56, 58.768, 27.977**, and if you desaturate by 10%, it is **66, 36.935, 23.905**.

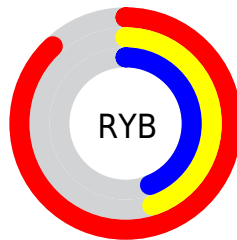
Distribution



Red (88%)

Green (45%)

Blue (44%)



Red (88%)

Yellow (45%)

Blue (44%)

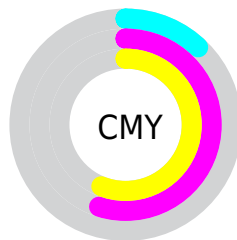


Cyan (0%)

Magenta (49%)

Yellow (50%)

Black (12%)



Cyan (12%)

Magenta (55%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 47.715, 25.675 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, 47.715, 25.675 by changing the saturation by 10% instead.

61, 47.715, 25.675

61, 47.715, 25.675

100, 47.715,
25.675

51, 47.715, 25.675

81, 47.715, 25.675

41, 47.715, 25.675

91, 47.715, 25.675

31, 47.715, 25.675

21, 47.715, 25.675

11, 47.715, 25.675

1, 47.715, 25.675

0, 47.715, 25.675

61, 47.715, 25.675

61, 47.715, 25.675

56, 58.768, 27.977

66, 36.935, 23.905

■ 53, 69.755, 30.867

■ 72, 26.668, 22.550

■ 50, 80.169, 34.250

■ 77, 17.039, 21.510

■ 48, 89.042, 37.600

■ 84, 8.093, 20.686

■ 47, 94.907, 40.018

■ 90, 0.180, 203.507

■ 47, 95.034, 40.074

■ 96, 7.824, 199.762

■ 98, 10.160,
198.829

Harmonies

Complementary

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



61, 47.715, 25.675



83, 33.033, 198.123

Rectangle

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



61, 47.715, 25.675



61, 47.715, 75.675



61, 47.715, 205.675



61, 47.715, 255.675

Sweetspot

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



61, 47.712, 25.678



90, 14.044, 21.106



64, 69.951, 327.037



46, 9.662, 21.285



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, 47.712, 25.678



63, 65.375, 28.146



73, 39.345, 69.160



44, 4.686, 20.661



36, 78.988, 40.057



6, 25.382, 21.378

Inverse Universe

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



83, 33.033, 198.123



92, 41.323, 197.891



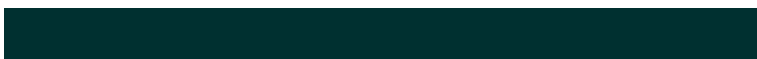
68, 34.026, 264.904



46, 4.413, 199.756



65, 37.456, 197.781



17, 15.418, 197.552

Previews

White Background



This preview shows how the CIELCh color 61, 47.715, 25.675 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, 47.715, 25.675 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, 47.715, 25.675

Background



This preview shows how black text looks on a background with the CIELCh color 61, 47.715, 25.675.

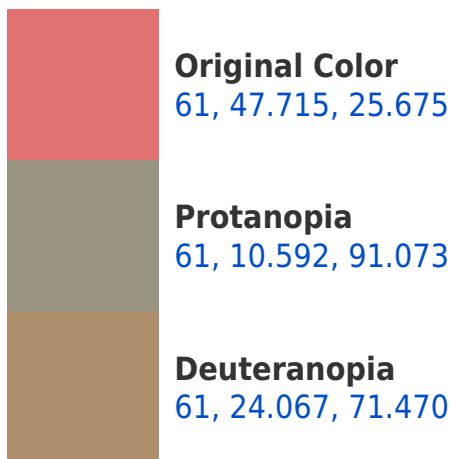


This preview shows how white text looks on a background with the CIELCh color 61, 47.715, 25.675.

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, 47.486, 20.031

Trichromacy



Original Color
61, 47.715, 25.675

Protanomaly
60, 20.332, 40.294

Deuteranomaly
61, 29.814, 45.753

Tritanomaly
61, 47.804, 21.988

Monochromacy



Original Color
61, 47.715, 25.675

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 16.367, 21.082

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 47.715, 25.675 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(225, 114, 113)` looks like.

```
.text, #text, p{  
    color:rgb(225, 114, 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(225, 114, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 114, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 47.715, 25.675 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(225, 114, 113) }
```

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

```
.border{ border-color:rgb(225, 114, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 114, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 114, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 114, 113); box-shadow:4px 4px 4px 4px rgb(225, 114, 113) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 47.715, 25.675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 114, 113) }
```

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

```
.background{ background-color: rgb(225,  
114, 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](#).

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