

Converting Colors

CIELCh(62, 59.627, 57.866)

Have a look what the booklet for
CIELCh(62, 59.627, 57.866) contains.

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Color

CIELCh(62, 59.982, 57.620)

Conversions

Conversions Part 1

Format	Color
Hex	DD7D3B
RGB	221, 125, 59
RGB Percent	87%, 49%, 23%
CMY	0.1328, 0.5094, 0.7682
CMYK	0.00, 0.43, 0.73, 0.13
HSL	24°, 71%, 55%
HSV	24°, 73%, 87%
XYZ	37.9959, 30.4025, 8.0172
YIQ	146.1800, 78.4020, -0.1740

Conversions

Conversions Part 2

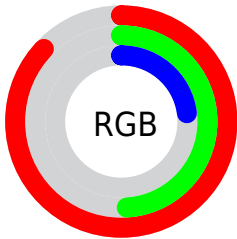
Format	Color
R_{YB}	221, 170, 59
Decimal	14515515
CIE _{Lab}	62.00, 32.12, 50.66
CIE _{LCh}	62, 59.982, 57.620
Yxy	30.4025, 0.4972, 0.3979
Android (android.graphics.Color)	4292705595 (0xFFDD7D3B)
YUV	146.1800, -42.9797, 65.6171
Hunter-Lab	55.1385, 26.5119, 29.9761

Details

The CIELCh color **62, 59.982, 57.620** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **61, 42.012, 261.444**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 50.284, 65.156**, and **42, 59.871, 57.906** is the 20% darker color. If you saturate the color by 10%, you get **59, 68.904, 56.441**, and if you desaturate by 10%, it is **65, 50.643, 58.581**.

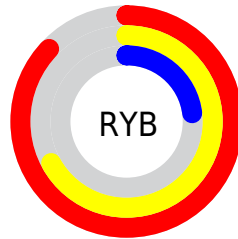
Distribution



Red (87%)

Green (49%)

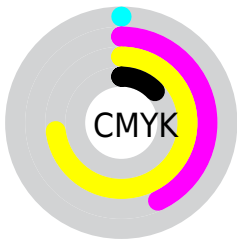
Blue (23%)



Red (87%)

Yellow (67%)

Blue (23%)

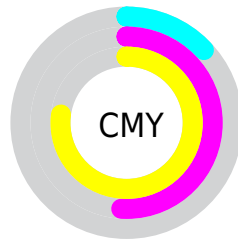


Cyan (0%)

Magenta (43%)

Yellow (73%)

Black (13%)



Cyan (13%)

Magenta (51%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 59.982, 57.620 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, 59.982, 57.620 by changing the saturation by 10% instead.

62, 59.982, 57.620

62, 59.982, 57.620

100, 59.982,
57.620

52, 59.982, 57.620

82, 59.982, 57.620

42, 59.982, 57.620

92, 59.982, 57.620

32, 59.982, 57.620

22, 59.982, 57.620

12, 59.982, 57.620

2, 59.982, 57.620

0, 59.982, 57.620

62, 59.982, 57.620

62, 59.982, 57.620

59, 68.904, 56.441

65, 50.643, 58.581

56, 76.368, 54.675

68, 41.445, 59.487

55, 80.346, 53.167

72, 32.634, 60.411

76, 24.301, 61.369

79, 16.462, 62.359

83, 9.098, 63.361

87, 2.172, 64.233

91, 4.361, 245.598

95, 9.498, 239.532

Harmonies

Complementary

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



62, 59.982, 57.620



61, 42.012, 261.444

Rectangle

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



62, 59.982, 57.620



62, 59.982, 107.620



62, 59.982, 237.620



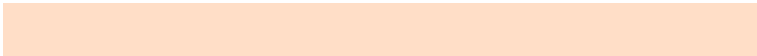
62, 59.982, 287.620

Sweetspot

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



62, 59.980, 57.623



91, 17.410, 62.469



53, 71.569, 346.698



47, 11.800, 62.196



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, 59.980, 57.623



66, 81.550, 55.585



81, 70.697, 98.136



44, 3.820, 63.737



43, 66.664, 53.817



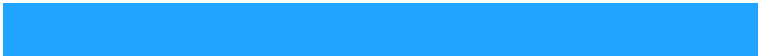
9, 18.654, 49.340

Inverse Universe

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



61, 42.012, 261.444



65, 54.627, 268.394



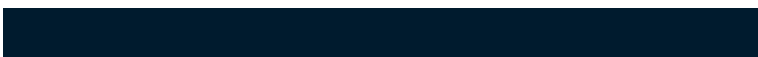
40, 87.101, 299.377



44, 3.684, 245.934



42, 44.622, 273.104



9, 15.653, 262.481

Previews

White Background



This preview shows how the CIELCh color 62, 59.982, 57.620 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 62, 59.982, 57.620 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, 59.982, 57.620

Background



This preview shows how black text looks on a background with the CIELCh color 62, 59.982, 57.620.



This preview shows how white text looks on a background with the CIELCh color 62, 59.982, 57.620.

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

62, 59.982, 57.620

Protanopia

62, 45.349, 95.314

Deuteranopia

62, 52.512, 81.160



Tritanopia
62, 44.727, 19.203

Trichromacy



Original Color
62, 59.982, 57.620

Protanomaly
62, 47.637, 78.735

Deuteranomaly
62, 53.889, 71.324

Tritanomaly
62, 47.480, 36.590

Monochromacy



Original Color
62, 59.982, 57.620

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 20.418, 61.274

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 59.982, 57.620 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(221, 125, 59)` looks like.

```
.text, #text, p{  
    color:rgb(221, 125, 59)  
}
```

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(221, 125, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 125, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 59.982, 57.620 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(221, 125, 59) }
```

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

```
.border{ border-color:rgb(221, 125, 59) }
```

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

Here you see how a box with a 4 pixel rgb(221, 125, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 125, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 125, 59);  
box-shadow:4px 4px 4px 4px rgb(221, 125,  
59) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 59.982, 57.620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 125, 59) }
```

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

```
.background{ background-color: rgb(221,  
125, 59) }
```

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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