

Converting Colors

CIELCh(56, 59.016, 37.972)

Have a look what the booklet for
CIELCh(56, 59.016, 37.972) contains.

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Color

CIELCh(56, 59.102, 37.729)

Conversions

Conversions Part 1

Format	Color
Hex	DB604A
RGB	219, 96, 74
RGB Percent	86%, 38%, 29%
CMY	0.1413, 0.6236, 0.7099
CMYK	0.00, 0.56, 0.66, 0.14
HSL	9°, 67%, 57%
HSV	9°, 66%, 86%
XYZ	34.6226, 23.9124, 9.2662
YIQ	130.2690, 80.3700, 19.2340

Conversions

Conversions Part 2

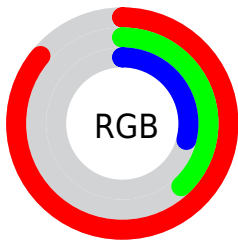
Format	Color
RYB	219, 100, 74
Decimal	14377034
CIELab	56.00, 46.74, 36.17
CIElCh	56, 59.102, 37.729
Yxy	23.9124, 0.5106, 0.3527
Android (android.graphics.Color)	4292567114 (0xFFDB604A)
YUV	130.2690, -27.7406, 77.8171
Hunter-Lab	48.9003, 40.8066, 22.9953

Details

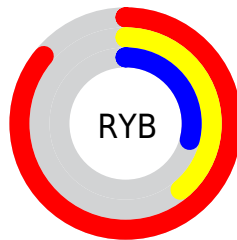
The CIELCh color **56, 59.102, 37.729** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **74, 34.221, 217.827**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 48.213, 40.370**, and **36, 59.141, 37.505** is the 20% darker color. If you saturate the color by 10%, you get **53, 69.792, 39.256**, and if you desaturate by 10%, it is **60, 48.530, 36.466**.

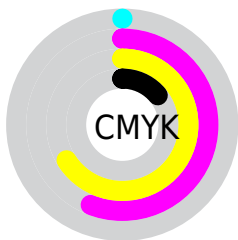
Distribution



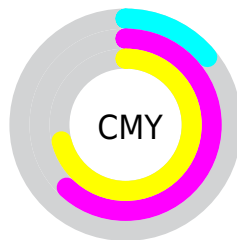
- Red (86%)
- Green (38%)
- Blue (29%)



- Red (86%)
- Yellow (39%)
- Blue (29%)



- Cyan (0%)
- Magenta (56%)
- Yellow (66%)
- Black (14%)



- Cyan (14%)
- Magenta (62%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 59.102, 37.729 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 56, 59.102, 37.729 by changing the saturation by 10% instead.

■ 56, 59.102, 37.729

■ 56, 59.102, 37.729

■ 100, 59.102,
37.729

■ 46, 59.102, 37.729

■ 76, 59.102, 37.729

■ 36, 59.102, 37.729

■ 86, 59.102, 37.729

■ 26, 59.102, 37.729

■ 96, 59.102, 37.729

■ 16, 59.102, 37.729

■ 6, 59.102, 37.729

■ 0, 59.102, 37.729

■ 56, 59.102, 37.729

■ 56, 59.102, 37.729

■ 53, 69.792, 39.256

■ 60, 48.530, 36.466

■ 50, 79.894, 40.786

■ 64, 38.414, 35.507

48, 87.880, 41.658

69, 28.907, 34.830

47, 90.379, 41.983

74, 20.069, 34.384

79, 11.902, 34.113

84, 4.375, 33.920

89, 2.562, 214.285

95, 8.970, 214.201

98, 12.134,
198.695

Harmonies

Complementary

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



56, 59.102, 37.729



74, 34.221, 217.827

Rectangle

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



56, 59.102, 37.729



56, 59.102, 87.729



56, 59.102, 217.729



56, 59.102, 267.729

Sweetspot

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



56, 59.100, 37.732



88, 16.890, 34.203



56, 77.907, 332.992



45, 11.662, 34.281



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



56, 59.100, 37.732



60, 82.362, 39.809



72, 55.091, 80.646



43, 4.056, 33.988



37, 75.593, 42.288



7, 21.571, 28.381

Inverse Universe

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



74, 34.221, 217.827



83, 41.649, 220.196



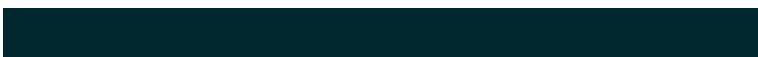
53, 54.922, 283.869



45, 3.818, 214.186



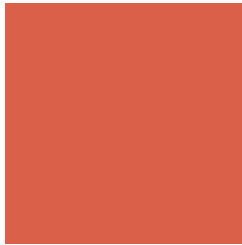
56, 32.637, 224.889



13, 13.218, 219.347

Previews

White Background



This preview shows how the CIELCh color 56, 59.102, 37.729 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 56, 59.102, 37.729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

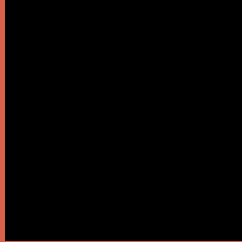
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 56, 59.102, 37.729

Background



This preview shows how black text looks on a background with the CIELCh color 56, 59.102, 37.729.



This preview shows how white text looks on a background with the CIELCh color 56, 59.102, 37.729.

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

56, 59.102, 37.729

Protanopia

56, 26.944, 96.503

Deuteranopia

56, 38.500, 78.619



Tritanopia
56, 54.798, 23.619

Trichromacy



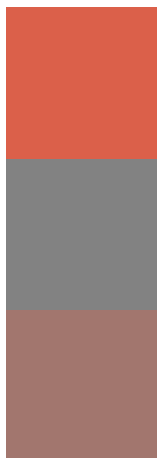
Original Color
56, 59.102, 37.729

Protanomaly
55, 32.936, 61.177

Deuteranomaly
55, 42.873, 58.043

Tritanomaly
56, 56.100, 28.989

Monochromacy



Original Color
56, 59.102, 37.729

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 19.625, 34.786

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 59.102, 37.729 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(219, 96, 74)` looks like.

```
.text, #text, p{  
    color:rgb(219, 96, 74)  
}
```

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(219, 96, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 96, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 59.102, 37.729 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(219, 96, 74) }
```

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

```
.border{ border-color:rgb(219, 96, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 96, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 96, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 96, 74);  
box-shadow:4px 4px 4px 4px rgb(219, 96,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 59.102, 37.729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 96, 74) }
```

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

```
.background{ background-color: rgb(219, 96,  
74) }
```

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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