

Converting Colors

CIELCh(57, 92.776, 42.482)

Have a look what the booklet for
CIELCh(57, 92.776, 42.482) contains.

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Color

CIELCh(57, 92.752, 42.505)

Conversions

Conversions Part 1

Format	Color
Hex	FD4218
RGB	253, 66, 24
RGB Percent	99%, 26%, 9%
CMY	0.0068, 0.7402, 0.9050
CMYK	0.00, 0.74, 0.90, 0.01
HSL	11°, 98%, 54%
HSV	11°, 90%, 99%
XYZ	42.7306, 24.9227, 3.4347
YIQ	117.1250, 124.9340, 26.5820

Conversions

Conversions Part 2

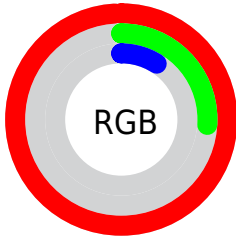
Format	Color
RYB	253, 75, 24
Decimal	16597528
CIELab	57.00, 68.38, 62.67
CIElCh	57, 92.752, 42.505
Yxy	24.9227, 0.6011, 0.3506
Android (android.graphics.Color)	4294787608 (0xFFFD4218)
YUV	117.1250, -45.9106, 119.1624
Hunter-Lab	49.9226, 65.4202, 30.8666

Details

The CIELCh color **57, 92.752, 42.505** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **78, 42.742, 229.349**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **67, 67.151, 47.170**, and **39, 82.832, 40.000** is the 20% darker color. If you saturate the color by 10%, you get **55, 99.987, 42.588**, and if you desaturate by 10%, it is **60, 82.240, 41.611**.

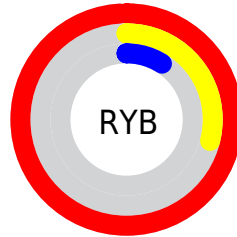
Distribution



Red (99%)

Green (26%)

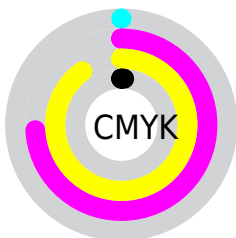
Blue (9%)



Red (99%)

Yellow (29%)

Blue (9%)

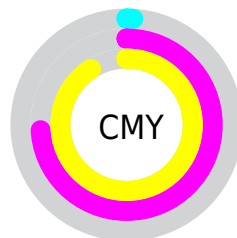


Cyan (0%)

Magenta (74%)

Yellow (90%)

Black (1%)



Cyan (1%)

Magenta (74%)

Yellow (91%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 92.752, 42.505 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 57, 92.752, 42.505 by changing the saturation by 10% instead.

 57, 92.752, 42.505

 57, 92.752, 42.505

 100, 92.752,
42.505

 47, 92.752, 42.505

 77, 92.752, 42.505

 37, 92.752, 42.505

 87, 92.752, 42.505

 27, 92.752, 42.505

 97, 92.752, 42.505

 17, 92.752, 42.505

 7, 92.752, 42.505

 0, 92.752, 42.505

 57, 92.752, 42.505

 57, 92.752, 42.505

 55, 99.987, 42.588

 60, 82.240, 41.611

 63, 70.442, 40.415

68, 58.538, 39.338

72, 47.055, 38.511

77, 36.227, 37.944

82, 26.146, 37.603

88, 16.827, 37.441

93, 8.239, 37.397

99, 0.328, 35.590

Harmonies

Complementary

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



57, 92.752, 42.505



78, 42.742, 229.349

Rectangle

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



57, 92.752, 42.505



57, 92.752, 92.505



57, 92.752, 222.505



57, 92.752, 272.505

Sweetspot

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



57, 92.749, 42.507



85, 22.989, 37.530



58, 98.676, 336.423



43, 15.716, 37.603



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 92.749, 42.507



55, 100.520, 42.581



78, 79.571, 78.965



50, 4.497, 37.395



42, 80.528, 42.962



12, 30.222, 36.255

Inverse Universe

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



78, 42.742, 229.349



78, 43.707, 232.765



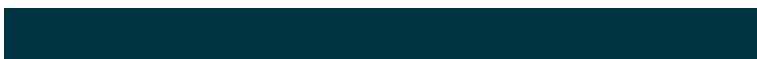
47, 91.477, 294.896



52, 4.233, 217.877



60, 35.170, 232.065



19, 16.133, 227.233

Previews

White Background



This preview shows how the CIELCh color 57, 92.752, 42.505 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 57, 92.752, 42.505 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 57, 92.752, 42.505

Background



This preview shows how black text looks on a background with the CIELCh color 57, 92.752, 42.505.



This preview shows how white text looks on a background with the CIELCh color 57, 92.752, 42.505.

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

57, 92.752, 42.505

Protanopia

57, 51.189, 95.110

Deuteranopia

57, 62.730, 83.654



Tritanopia
57, 83.600, 32.023

Trichromacy



Original Color
57, 92.752, 42.505

Protanomaly
54, 58.437, 63.846

Deuteranomaly
55, 69.329, 62.134

Tritanomaly
57, 86.919, 36.546

Monochromacy



Original Color
57, 92.752, 42.505

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 33.119, 39.004

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 92.752, 42.505 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(253, 66, 24)` looks like.

```
.text, #text, p{  
    color:rgb(253, 66, 24)  
}
```

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(253, 66, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 66, 24) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 92.752, 42.505 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(253, 66, 24) }
```

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

```
.border{ border-color:rgb(253, 66, 24) }
```

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

Here you see how a box with a 4 pixel rgb(253, 66, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 66, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 66, 24);  
box-shadow:4px 4px 4px 4px rgb(253, 66,  
24) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 92.752, 42.505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 66, 24) }
```

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

```
.background{ background-color: rgb(253, 66,  
24) }
```

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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