

Converting Colors

CIELCh(69, 73.804, 58.308)

Have a look what the booklet for
CIELCh(69, 73.804, 58.308) contains.

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Color

CIELCh(69, 73.853, 58.327)

Conversions

Conversions Part 1

Format	Color
Hex	FE8932
RGB	254, 137, 50
RGB Percent	100%, 54%, 20%
CMY	0.0026, 0.4616, 0.8027
CMYK	0.00, 0.46, 0.80, 0.00
HSL	26°, 99%, 60%
HSV	26°, 80%, 100%
XYZ	50.5708, 39.3444, 7.9804
YIQ	162.0650, 97.6590, -2.2530

Conversions

Conversions Part 2

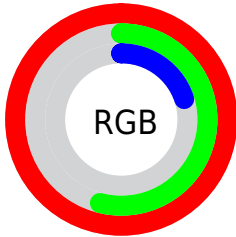
Format	Color
R_{YB}	254, 202, 50
Decimal	16681266
CIE Lab	69.00, 38.78, 62.85
CIE LCh	69, 73.853, 58.327
Yxy	39.3444, 0.5166, 0.4019
Android (android.graphics.Color)	4294871346 (0xFFFE8932)
YUV	162.0650, -55.2480, 80.6270
Hunter-Lab	62.7251, 34.1429, 36.3642

Details

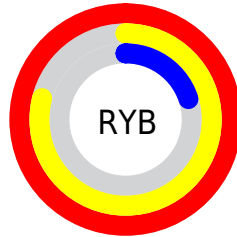
The CIELCh color **69, 73.853, 58.327** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **66, 52.152, 267.272**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 54.532, 75.873**, and **49, 70.387, 56.198** is the 20% darker color. If you saturate the color by 10%, you get **66, 82.487, 56.594**, and if you desaturate by 10%, it is **72, 63.856, 59.575**.

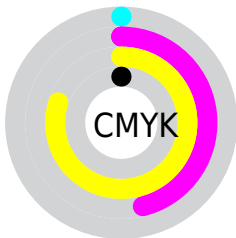
Distribution



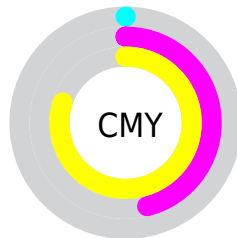
- Red (100%)
- Green (54%)
- Blue (20%)



- Red (100%)
- Yellow (79%)
- Blue (20%)



- Cyan (0%)
- Magenta (46%)
- Yellow (80%)
- Black (0%)



- Cyan (0%)
- Magenta (46%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 73.853, 58.327 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 69, 73.853, 58.327 by changing the saturation by 10% instead.

69, 73.853, 58.327

69, 73.853, 58.327

100, 73.853,
58.327

59, 73.853, 58.327

89, 73.853, 58.327

49, 73.853, 58.327

99, 73.853, 58.327

39, 73.853, 58.327

29, 73.853, 58.327

19, 73.853, 58.327

9, 73.853, 58.327

0, 73.853, 58.327

69, 73.853, 58.327

69, 73.853, 58.327

66, 82.487, 56.594

72, 63.856, 59.575

63, 88.609, 54.155

76, 53.537, 60.635

79, 43.425, 61.652

83, 33.749, 62.680

87, 24.591, 63.733

91, 15.960, 64.804

95, 7.830, 65.867

100, 0.159, 63.830

100, 0.226,
202.329

Harmonies

Complementary

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



69, 73.853, 58.327



66, 52.152, 267.272

Rectangle

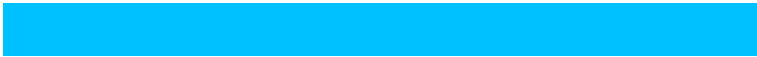
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69, 73.853, 58.327



69, 73.853, 108.327



69, 73.853, 238.327



69, 73.853, 288.327

Sweetspot

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



69, 73.851, 58.330



90, 19.199, 64.398



58, 82.851, 349.373



47, 13.334, 64.017



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 73.851, 58.330



65, 86.460, 55.178



93, 84.683, 98.511



51, 4.354, 65.940



48, 71.136, 54.845



15, 27.271, 54.648

Inverse Universe

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



66, 52.152, 267.272



61, 60.966, 274.921



41, 109.308, 301.845



51, 4.209, 248.256



45, 50.176, 275.963



14, 20.812, 268.897

Previews

White Background



This preview shows how the CIELCh color 69, 73.853, 58.327 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 69, 73.853, 58.327 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 69, 73.853, 58.327

Background



This preview shows how black text looks on a background with the CIELCh color 69, 73.853, 58.327.



This preview shows how white text looks on a background with the CIELCh color 69, 73.853, 58.327.

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

69, 73.853, 58.327

Protanopia

69, 57.162, 95.272

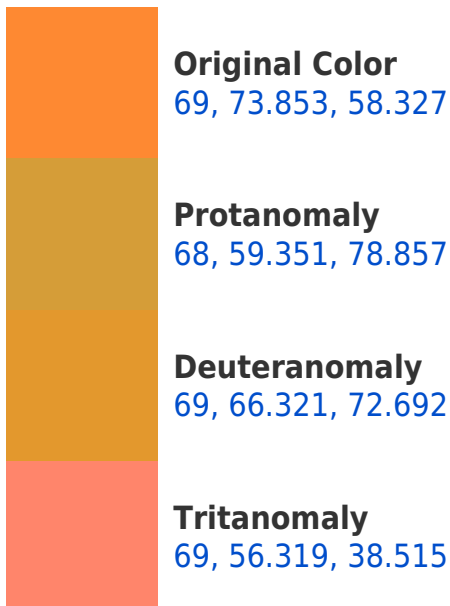
Deuteranopia

69, 64.547, 82.100



Tritanopia
69, 50.891, 20.267

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 73.853, 58.327 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(254, 137, 50)` looks like.

```
.text, #text, p{  
    color:rgb(254, 137, 50)  
}
```

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(254, 137, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 137, 50) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 73.853, 58.327 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(254, 137, 50) }
```

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

```
.border{ border-color:rgb(254, 137, 50) }
```

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

Here you see how a box with a 4 pixel rgb(254, 137, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 137, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 137, 50);  
box-shadow:4px 4px 4px 4px rgb(254, 137,  
50) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 73.853, 58.327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 137, 50) }
```

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

```
.background{ background-color: rgb(254,  
137, 50) }
```

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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