

Converting Colors

CIELCh(70, 53.575, 67.620)

Have a look what the booklet for
CIELCh(70, 53.575, 67.620) contains.

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Color

CIELCh(70, 53.708, 67.438)

Conversions

Conversions Part 1

Format	Color
Hex	E59B50
RGB	229, 155, 80
RGB Percent	90%, 61%, 31%
CMY	0.1014, 0.3916, 0.6858
CMYK	0.00, 0.32, 0.65, 0.10
HSL	30°, 74%, 61%
HSV	30°, 65%, 90%
XYZ	45.5561, 40.7494, 13.0779
YIQ	168.5760, 68.1790, -7.6370

Conversions

Conversions Part 2

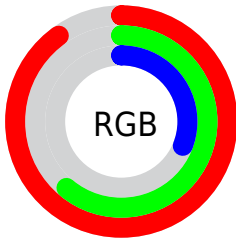
Format	Color
R _Y B	227, 229, 80
Decimal	15047504
CIE Lab	70.00, 20.61, 49.60
CIE LCh	70, 53.708, 67.438
Yxy	40.7494, 0.4584, 0.4100
Android (android.graphics.Color)	4293237584 (0xFFE59B50)
YUV	168.5760, -43.6680, 52.9918
Hunter-Lab	63.8353, 15.6749, 32.5380

Details

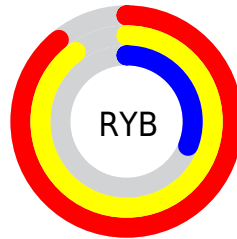
The CIELCh color **70, 53.708, 67.438** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **62, 44.736, 270.198**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 44.856, 81.913**, and **50, 53.696, 67.785** is the 20% darker color. If you saturate the color by 10%, you get **67, 62.532, 65.952**, and if you desaturate by 10%, it is **73, 44.676, 68.796**.

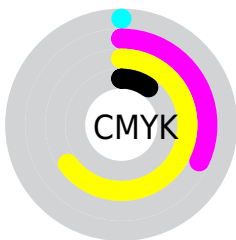
Distribution



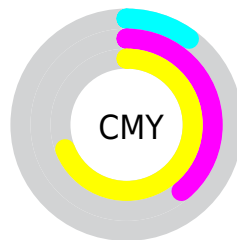
- Red (90%)
- Green (61%)
- Blue (31%)



- Red (89%)
- Yellow (90%)
- Blue (31%)



- Cyan (0%)
- Magenta (32%)
- Yellow (65%)
- Black (10%)



- Cyan (10%)
- Magenta (39%)
- Yellow (69%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 53.708, 67.438 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 70, 53.708, 67.438 by changing the saturation by 10% instead.

 70, 53.708, 67.438

 70, 53.708, 67.438

 100, 53.708,
67.438

 60, 53.708, 67.438

 90, 53.708, 67.438

 50, 53.708, 67.438

 40, 53.708, 67.438

 30, 53.708, 67.438

 20, 53.708, 67.438

 10, 53.708, 67.438

 0, 53.708, 67.438

 70, 53.708, 67.438

 70, 53.708, 67.438

 67, 62.532, 65.952

 73, 44.676, 68.796

64, 70.464, 64.145

76, 35.790, 70.099

62, 76.428, 61.693

79, 27.208, 71.381

61, 78.739, 60.302

83, 18.988, 72.648

86, 11.138, 73.893

89, 3.641, 75.058

93, 3.532, 256.495

96, 7.274, 237.690

98, 8.804, 198.924

Harmonies

Complementary

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



70, 53.708, 67.438



62, 44.736, 270.198

Rectangle

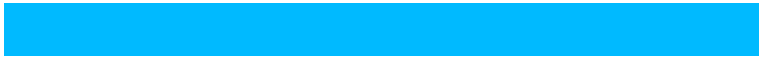
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70, 53.708, 67.438



70, 53.708, 117.438



70, 53.708, 247.438



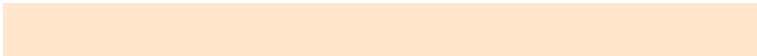
70, 53.708, 297.438

Sweetspot

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



70, 53.707, 67.442



93, 16.354, 73.264



57, 64.742, 351.711



48, 11.232, 72.910



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 53.707, 67.442



73, 70.903, 65.382



89, 71.795, 104.238



46, 4.158, 74.565



48, 65.104, 60.970



12, 20.923, 60.980

Inverse Universe

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



62, 44.736, 270.198



63, 58.001, 275.458



43, 87.922, 300.804



46, 4.070, 257.078



38, 55.495, 284.277



9, 19.895, 275.629

Previews

White Background



This preview shows how the CIELCh color 70, 53.708, 67.438 looks on a white background.

Color Contrast Check

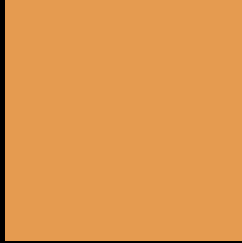
Large Text (above 18pt) WCAG AA × Fail

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 70, 53.708, 67.438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

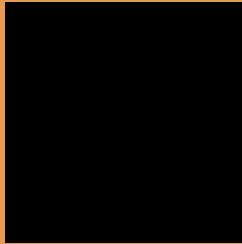
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 53.708, 67.438

Background



This preview shows how black text looks on a background with the CIELCh color 70, 53.708, 67.438.



This preview shows how white text looks on a background with the CIELCh color 70, 53.708, 67.438.

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
70, 35.524, 13.530

Trichromacy



Original Color
70, 53.708, 67.438

Protanomaly
70, 47.674, 84.752

Deuteranomaly
70, 51.427, 75.064

Tritanomaly
70, 37.377, 39.077

Monochromacy



Original Color
70, 53.708, 67.438

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 18.592, 71.931

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 53.708, 67.438 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(229, 155, 80)` looks like.

```
.text, #text, p{  
    color:rgb(229, 155, 80)  
}
```

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(229, 155, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 155, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 53.708, 67.438 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(229, 155, 80) }
```

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

```
.border{ border-color:rgb(229, 155, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 155, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 155, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 155, 80);  
box-shadow:4px 4px 4px 4px rgb(229, 155,  
80) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 53.708, 67.438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 155, 80) }
```

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

```
.background{ background-color: rgb(229,  
155, 80) }
```

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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