

Converting Colors

CIELCh(56, 65.748, 123.403)

Have a look what the booklet for
CIELCh(56, 65.748, 123.403)
contains.

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Color

CIELCh(56, 66.088, 123.523)

Conversions

Conversions Part 1

Format	Color
Hex	609515
RGB	96, 149, 21
RGB Percent	38%, 58%, 8%
CMY	0.6249, 0.4170, 0.9195
CMYK	0.36, 0.00, 0.86, 0.42
HSL	85°, 76%, 33%
HSV	85°, 86%, 58%
XYZ	15.6153, 23.9124, 4.4794
YIQ	118.5610, 9.5000, -51.0440

Conversions

Conversions Part 2

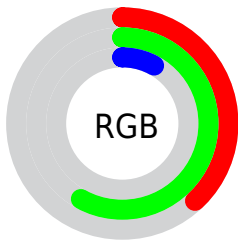
Format	Color
R_{YB}	21, 149, 74
Decimal	6329621
CIE _{Lab}	56.00, -36.50, 55.10
CIE _{LCh}	56, 66.088, 123.523
Yxy	23.9124, 0.3548, 0.5434
Android (android.graphics.Color)	4284519701 (0xFF609515)
YUV	118.5610, -48.0976, -19.7860
Hunter-Lab	48.9003, -28.5755, 28.7991

Details

The CIELCh color **56, 66.088, 123.523** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **24, 77.727, 310.510**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 65.855, 123.436**, and **36, 54.942, 129.526** is the 20% darker color. If you saturate the color by 10%, you get **56, 69.556, 124.312**, and if you desaturate by 10%, it is **56, 61.099, 123.161**.

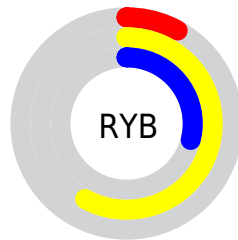
Distribution



Red (38%)

Green (58%)

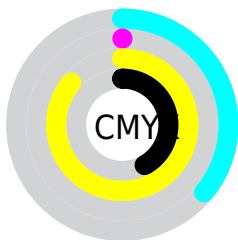
Blue (8%)



Red (8%)

Yellow (58%)

Blue (29%)

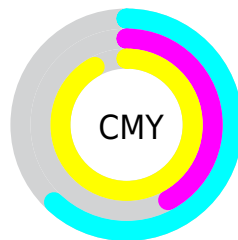


Cyan (36%)

Magenta (0%)

Yellow (86%)

Black (42%)



Cyan (62%)


Magenta (42%)


Yellow (92%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 66.088, 123.523 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, 66.088, 123.523 by changing the saturation by 10% instead.


 56, 66.088,
123.523


 56, 66.088,
123.523


 100, 66.088,
123.523


 46, 66.088,
123.523


 76, 66.088,
123.523

 36, 66.088,
123.523

 86, 66.088,
123.523

 26, 66.088,
123.523

 96, 66.088,
123.523

 16, 66.088,
123.523

 6, 66.088, 123.523

 0, 66.088, 123.523

■ 56, 66.088,
123.523

■ 56, 66.088,
123.523

■ 56, 69.556,
124.312

■ 56, 61.099,
123.161

■ 56, 70.747,
124.620

■ 57, 54.789,
123.155

■ 57, 47.523,
123.392

■ 58, 39.618,
123.775

■ 59, 31.310,
124.238

■ 59, 22.765,
124.733

■ 60, 14.096,
125.233

■ 61, 5.381, 125.725

Harmonies

Complementary

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



56, 66.088, 123.523



24, 77.727, 310.510

Rectangle

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



56, 66.088, 123.523



56, 66.088, 173.523



56, 66.088, 303.523



56, 66.088, 353.523

Sweetspot

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



56, 66.088, 123.524



76, 28.053, 124.716



40, 51.760, 55.787



39, 18.940, 124.561



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



56, 66.088, 123.524



71, 86.289, 124.954



54, 74.987, 135.789



31, 4.897, 125.577



52, 66.841, 124.508



2, 4.291, 125.999

Inverse Universe

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



24, 77.727, 310.510



28, 103.414, 310.080



34, 73.974, 324.608



29, 4.972, 306.433



19, 80.141, 310.376



0, 4.292, 305.997

Previews

White Background



This preview shows how the CIELCh color 56, 66.088, 123.523 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, 66.088, 123.523 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, 66.088, 123.523

Background



This preview shows how black text looks on a background with the CIELCh color 56, 66.088, 123.523.



This preview shows how white text looks on a background with the CIELCh color 56, 66.088, 123.523.

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, 66.088, 123.523

Protanopia

56, 57.841, 95.148

Deuteranopia

56, 53.060, 82.295



Tritanopia
56, 11.381, 232.445

Trichromacy



Original Color
56, 66.088, 123.523

Protanomaly
55, 58.665, 106.852

Deuteranomaly
55, 53.802, 100.115

Tritanomaly
55, 27.286, 140.740

Monochromacy



Original Color
56, 66.088, 123.523

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 27.483, 124.260

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 66.088, 123.523 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(96, 149, 21)` looks like.

```
.text, #text, p{  
    color:rgb(96, 149, 21)  
}
```

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(96, 149, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 149, 21) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 66.088, 123.523 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(96, 149, 21) }
```

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

```
.border{ border-color:rgb(96, 149, 21) }
```

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

Here you see how a box with a 4 pixel rgb(96, 149, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 149, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 149, 21);  
box-shadow:4px 4px 4px 4px rgb(96, 149,  
21) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 66.088, 123.523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 149, 21) }
```

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

```
.background{ background-color: rgb(96, 149,  
21) }
```

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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