

Converting Colors

CIELCh(56, 70.329, 123.333)

Have a look what the booklet for
CIELCh(56, 70.329, 123.333)
contains.

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Color

CIELCh(56, 70.147, 123.350)

Conversions

Conversions Part 1

Format	Color
Hex	5C9501
RGB	92, 149, 1
RGB Percent	36%, 58%, 0%
CMY	0.6377, 0.4142, 0.9971
CMYK	0.38, 0.00, 1.00, 0.41
HSL	83°, 99%, 29%
HSV	83°, 100%, 59%
XYZ	15.2647, 23.9124, 3.8321
YIQ	115.0850, 13.5360, -58.1120

Conversions

Conversions Part 2

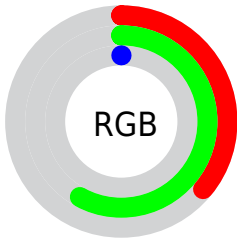
Format	Color
R_{YB}	1, 149, 58
Decimal	6067457
CIE Lab	56.00, -38.56, 58.60
CIE LCh	56, 70.147, 123.350
Yxy	23.9124, 0.3549, 0.5560
Android (android.graphics.Color)	4284257537 (0xFF5C9501)
YUV	115.0850, -56.2439, -20.2455
Hunter-Lab	48.9003, -29.8552, 29.5840

Details

The CIELCh color **56, 70.147, 123.350** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **20, 85.376, 309.750**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 70.384, 123.591**, and **36, 55.731, 130.851** is the 20% darker color. If you saturate the color by 10%, you get **56, 70.300, 123.390**, and if you desaturate by 10%, it is **56, 67.033, 122.523**.

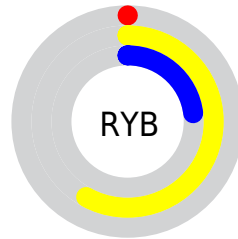
Distribution



Red (36%)

Green (58%)

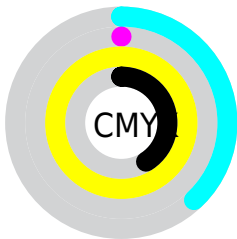
Blue (0%)



Red (0%)

Yellow (58%)

Blue (23%)

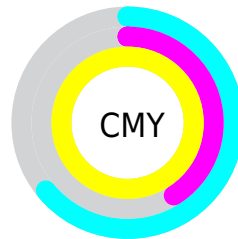


Cyan (38%)

Magenta (0%)

Yellow (100%)

Black (41%)



Cyan (64%)


Magenta (41%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 70.147, 123.350 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, 70.147, 123.350 by changing the saturation by 10% instead.


 56, 70.147,
123.350


 56, 70.147,
123.350


 100, 70.147,
123.350


 46, 70.147,
123.350


 76, 70.147,
123.350

 36, 70.147,
123.350

 86, 70.147,
123.350

 26, 70.147,
123.350

 96, 70.147,
123.350

 16, 70.147,
123.350

 6, 70.147, 123.350

 0, 70.147, 123.350

■ 56, 70.147,
123.350

■ 56, 70.147,
123.350

■ 56, 70.300,
123.390

■ 56, 67.033,
122.523

■ 57, 62.622,
122.029

■ 57, 56.770,
121.927

■ 58, 49.833,
122.104

■ 58, 42.153,
122.457

■ 59, 33.995,
122.911

■ 60, 25.548,
123.412

■ 60, 16.938,

123.929

■ 61, 8.255, 124.440

Harmonies

Complementary

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



56, 70.147, 123.350



20, 85.376, 309.750

Rectangle

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



56, 70.147, 123.350



56, 70.147, 173.350



56, 70.147, 303.350



56, 70.147, 353.350

Sweetspot

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



56, 70.147, 123.351



75, 32.105, 123.356



37, 59.965, 52.737



39, 21.795, 123.163



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, 70.147, 123.351



71, 85.423, 123.710



54, 79.494, 135.349



31, 4.868, 124.456



52, 66.190, 123.273



2, 4.267, 124.896

Inverse Universe

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



20, 85.376, 309.750



28, 104.050, 309.542



32, 78.066, 323.810



29, 4.947, 305.351



18, 80.629, 309.829



0, 4.268, 304.894

Previews

White Background



This preview shows how the CIELCh color 56, 70.147, 123.350 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, 70.147, 123.350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

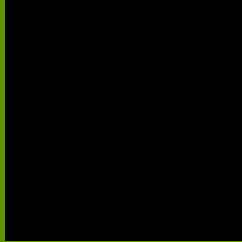
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 70.147, 123.350

Background



This preview shows how black text looks on a background with the CIELCh color 56, 70.147, 123.350.



This preview shows how white text looks on a background with the CIELCh color 56, 70.147, 123.350.

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, 69.999, 123.407

Protanopia
56, 60.674, 95.174

Deuteranopia
56, 55.106, 82.809



Tritanopia
56, 12.211, 229.768

Trichromacy



Original Color
56, 69.999, 123.407

Protanomaly
56, 62.257, 107.147

Deuteranomaly
55, 56.939, 100.404

Tritanomaly
55, 31.243, 138.495

Monochromacy



Original Color
56, 69.999, 123.407

Achromatopsia
48, 0.006, 296.813

Achromatomaly
51, 32.494, 122.712

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 70.147, 123.350 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(92, 149, 1)` looks like.

```
.text, #text, p{  
    color:rgb(92, 149, 1)  
}
```

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(92, 149, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 149, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 70.147, 123.350 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(92, 149, 1) }
```

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

```
.border{ border-color:rgb(92, 149, 1) }
```

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

Here you see how a box with a 4 pixel rgb(92, 149, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 149, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 149, 1);  
box-shadow:4px 4px 4px 4px rgb(92, 149, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 56, 70.147, 123.350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 149, 1) }
```

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

```
.background{ background-color: rgb(92, 149,  
1) }
```

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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