

Converting Colors

CIELCh(56, 30.477, 164.429)

Have a look what the booklet for
CIELCh(56, 30.477, 164.429)
contains.

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Color

CIELCh(56, 30.121, 164.468)

Conversions

Conversions Part 1

Format	Color
Hex	4D9377
RGB	77, 147, 119
RGB Percent	30%, 58%, 47%
CMY	0.6966, 0.4221, 0.5320
CMYK	0.48, 0.00, 0.19, 0.42
HSL	156°, 31%, 44%
HSV	156°, 48%, 58%
XYZ	16.9296, 23.9124, 21.2841
YIQ	122.8780, -32.7320, -23.5480

Conversions

Conversions Part 2

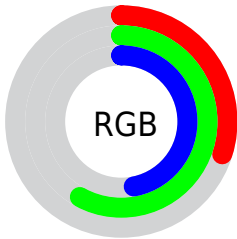
Format	Color
RYB	77, 121, 147
Decimal	5084023
CIELab	56.00, -29.02, 8.07
CIElCh	56, 30.121, 164.468
Yxy	23.9124, 0.2725, 0.3849
Android (android.graphics.Color)	4283274103 (0xFF4D9377)
YUV	122.8780, -1.9119, -40.2350
Hunter-Lab	48.9003, -23.7776, 8.4240

Details

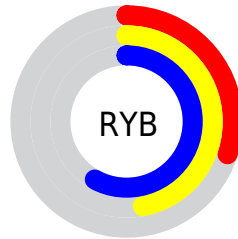
The CIELCh color **56, 30.121, 164.468** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **42, 32.930, 354.874**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 29.964, 164.544**, and **36, 30.075, 164.669** is the 20% darker color. If you saturate the color by 10%, you get **55, 35.593, 163.076**, and if you desaturate by 10%, it is **57, 24.219, 165.712**.

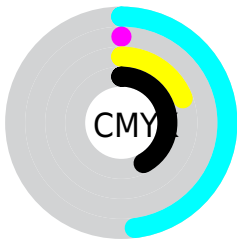
Distribution



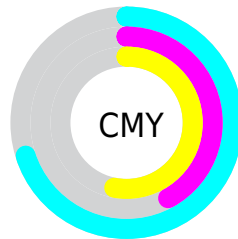
- Red (30%)
- Green (58%)
- Blue (47%)



- Red (30%)
- Yellow (47%)
- Blue (58%)



- Cyan (48%)
- Magenta (0%)
- Yellow (19%)
- Black (42%)





- Cyan (70%)
- Magenta (42%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 30.121, 164.468 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, 30.121, 164.468 by changing the saturation by 10% instead.

 56, 30.121,
164.468


 56, 30.121,
164.468


 100, 30.121,
164.468


 46, 30.121,
164.468


 76, 30.121,
164.468

 36, 30.121,
164.468

 86, 30.121,
164.468

 26, 30.121,
164.468

 96, 30.121,
164.468

 16, 30.121,
164.468

 6, 30.121, 164.468

 0, 30.121, 164.468

■ 56, 30.121,
164.468

■ 56, 30.121,
164.468

■ 55, 35.593,
163.076

■ 57, 24.219,
165.712

■ 55, 40.540,
161.516

■ 58, 17.992,
166.834

■ 54, 44.893,
159.765

■ 59, 11.542,
167.857

■ 54, 48.623,
157.813

■ 60, 4.965, 168.823

■ 54, 51.811,
155.709

■ 61, 1.658, 349.392

■ 54, 52.587,
155.206

■ 63, 8.262, 350.353

■ 64, 14.796,
351.111

■ 66, 21.222,
351.814

■ 68, 27.515,
352.474

Harmonies

Complementary

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



56, 30.121, 164.468



42, 32.930, 354.874

Rectangle

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



56, 30.121, 164.468



56, 30.121, 214.468



56, 30.121, 344.468



56, 30.121, 34.468

Sweetspot

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



56, 30.122, 164.467



75, 11.436, 168.171



57, 42.266, 129.773



40, 7.950, 167.979



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, 30.122, 164.467



70, 43.560, 162.979



55, 21.165, 206.683



31, 3.748, 168.658



50, 49.913, 155.359



2, 3.291, 169.407

Inverse Universe

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



42, 32.930, 354.874



50, 48.281, 356.816



43, 30.059, 30.113



29, 3.816, 350.154



29, 53.519, 10.274



1, 3.292, 349.396

Previews

White Background



This preview shows how the CIELCh color 56, 30.121, 164.468 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 CIE LCh color 56, 30.121, 164.468 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, 30.121, 164.468

Background



This preview shows how black text looks on a background with the CIELCh color 56, 30.121, 164.468.



This preview shows how white text looks on a background with the CIELCh color 56, 30.121, 164.468.

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, 30.121, 164.468

Protanopia
56, 12.433, 93.005

Deuteranopia
56, 9.348, 41.585



Tritanopia
56, 19.303, 217.009

Trichromacy



Original Color
56, 30.121, 164.468

Protanomaly
55, 15.469, 140.016

Deuteranomaly
55, 9.376, 140.020

Tritanomaly
56, 21.418, 191.198

Monochromacy



Original Color
56, 30.121, 164.468

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 11.723, 168.620

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 30.121, 164.468 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(77, 147, 119)` looks like.

```
.text, #text, p{  
    color:rgb(77, 147, 119)  
}
```

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(77, 147, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 147, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 30.121, 164.468 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(77, 147, 119) }
```

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

```
.border{ border-color:rgb(77, 147, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 147, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 147, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 147, 119);  
box-shadow:4px 4px 4px 4px rgb(77, 147,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 30.121, 164.468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 147, 119) }
```

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

```
.background{ background-color: rgb(77, 147,  
119) }
```

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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