

Converting Colors

CIELCh(56, 50.369, 152.422)

Have a look what the booklet for
CIELCh(56, 50.369, 152.422)
contains.

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Color

CIELCh(56, 50.016, 152.593)

Conversions

Conversions Part 1

Format	Color
Hex	2D985C
RGB	45, 152, 92
RGB Percent	18%, 60%, 36%
CMY	0.8254, 0.4023, 0.6378
CMYK	0.71, 0.00, 0.39, 0.40
HSL	147°, 55%, 39%
HSV	147°, 71%, 60%
XYZ	14.3019, 23.9124, 14.0708
YIQ	113.1670, -44.5120, -41.3440

Conversions

Conversions Part 2

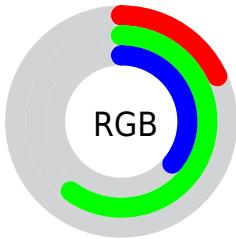
Format	Color
R_{YB}	45, 119, 152
Decimal	2988124
CIE _{Lab}	56.00, -44.40, 23.02
CIE _{LCh}	56, 50.016, 152.593
Yxy	23.9124, 0.2735, 0.4573
Android (android.graphics.Color)	4281178204 (0xFF2D985C)
YUV	113.1670, -10.4353, -59.7825
Hunter-Lab	48.9003, -33.3698, 17.1699

Details

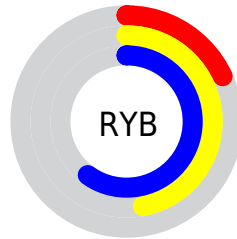
The CIELCh color **56, 50.016, 152.593** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **37, 51.087, 348.700**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **76, 49.646, 152.552**, and **37, 45.685, 148.212** is the 20% darker color. If you saturate the color by 10%, you get **56, 55.297, 150.765**, and if you desaturate by 10%, it is **57, 44.079, 154.220**.

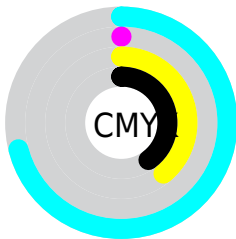
Distribution



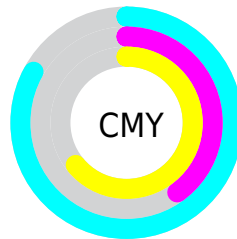
- Red (18%)
- Green (60%)
- Blue (36%)



- Red (18%)
- Yellow (47%)
- Blue (60%)



- Cyan (71%)
- Magenta (0%)
- Yellow (39%)
- Black (40%)





- Cyan (83%)
- Magenta (40%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 50.016, 152.593 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, 50.016, 152.593 by changing the saturation by 10% instead.


 56, 50.016,
152.593


 56, 50.016,
152.593


 100, 50.016,
152.593


 46, 50.016,
152.593


 76, 50.016,
152.593

 36, 50.016,
152.593

 86, 50.016,
152.593

 26, 50.016,
152.593

 96, 50.016,
152.593

 16, 50.016,
152.593

 6, 50.016, 152.593

 0, 50.016, 152.593

■ 56, 50.016,
152.593

■ 56, 50.016,
152.593

■ 56, 55.297,
150.765

■ 57, 44.079,
154.220

■ 55, 59.883,
148.746

■ 57, 37.570,
155.657

■ 55, 63.627,
146.848

■ 58, 30.605,
156.922

■ 59, 23.308,
158.038

■ 60, 15.803,
159.028

■ 61, 8.201, 159.923

■ 63, 0.594, 161.201

■ 64, 6.945, 341.333

■ 66, 14.361,
342.002

Harmonies

Complementary

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



56, 50.016, 152.593



37, 51.087, 348.700

Rectangle

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



56, 50.016, 152.593



56, 50.016, 202.593



56, 50.016, 332.593



56, 50.016, 22.593

Sweetspot

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



56, 50.017, 152.593



77, 19.828, 158.969



58, 59.305, 123.874



40, 13.377, 158.730



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



56, 50.017, 152.593



71, 70.752, 149.592



57, 31.803, 189.054



32, 4.307, 160.058



51, 59.654, 147.028



3, 4.680, 160.367

Inverse Universe

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



37, 51.087, 348.700



45, 69.122, 352.237



36, 50.059, 25.657



30, 4.349, 341.396



30, 55.259, 355.871



1, 4.625, 341.192

Previews

White Background



This preview shows how the CIELCh color 56, 50.016, 152.593 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, 50.016, 152.593 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, 50.016, 152.593

Background



This preview shows how black text looks on a background with the CIELCh color 56, 50.016, 152.593.



This preview shows how white text looks on a background with the CIELCh color 56, 50.016, 152.593.

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, 49.879, 152.466

Protanopia

56, 27.640, 95.649

Deuteranopia

56, 21.864, 70.785



Tritanopia
56, 23.989, 212.746

Trichromacy



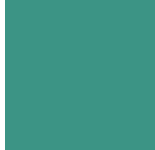
Original Color
56, 49.879, 152.466



Protanomaly
55, 32.243, 131.319



Deuteranomaly
55, 24.732, 127.288



Tritanomaly
56, 30.032, 179.879

Monochromacy



Original Color
56, 49.879, 152.466



Achromatopsia
48, 0.006, 296.813



Achromatomaly
50, 20.152, 157.736

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 50.016, 152.593 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(45, 152, 92)` looks like.

```
.text, #text, p{  
    color:rgb(45, 152, 92)  
}
```

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(45, 152, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 152, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 50.016, 152.593 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(45, 152, 92) }
```

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

```
.border{ border-color:rgb(45, 152, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 152, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 152, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 152, 92);  
box-shadow:4px 4px 4px 4px rgb(45, 152,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 50.016, 152.593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 152, 92) }
```

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

```
.background{ background-color: rgb(45, 152,  
92) }
```

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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