

Converting Colors

CIELCh(56, 53.327, 126.409)

Have a look what the booklet for
CIELCh(56, 53.327, 126.409)
contains.

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Color

CIELCh(56, 53.426, 126.207)

Conversions

Conversions Part 1

Format	Color
Hex	659336
RGB	101, 147, 54
RGB Percent	40%, 58%, 21%
CMY	0.6038, 0.4234, 0.7881
CMYK	0.31, 0.00, 0.63, 0.42
HSL	90°, 46%, 39%
HSV	90°, 63%, 58%
XYZ	16.4756, 23.9124, 7.2409
YIQ	122.6440, 2.4370, -38.6750

Conversions

Conversions Part 2

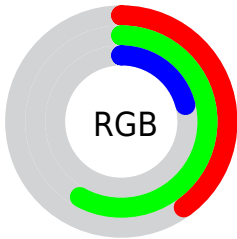
Format	Color
RYB	54, 147, 100
Decimal	6656822
CIELab	56.00, -31.56, 43.11
CIElCh	56, 53.426, 126.207
Yxy	23.9124, 0.3459, 0.5021
Android (android.graphics.Color)	4284846902 (0xFF659336)
YUV	122.6440, -33.8415, -18.9818
Hunter-Lab	48.9003, -25.4351, 25.4509

Details

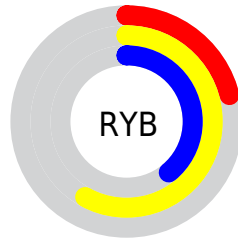
The CIELCh color $56, 53.426, 126.207$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $33, 58.724, 311.998$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 53.092, 126.108$, and $36, 52.651, 126.644$ is the 20% darker color. If you saturate the color by 10%, you get $55, 60.202, 126.123$, and if you desaturate by 10%, it is $57, 45.807, 126.499$.

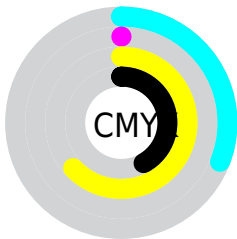
Distribution



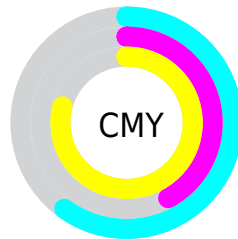
- Red (40%)
- Green (58%)
- Blue (21%)



- Red (21%)
- Yellow (58%)
- Blue (39%)



- Cyan (31%)
- Magenta (0%)
- Yellow (63%)
- Black (42%)




- Cyan (60%)
- Magenta (42%)
- Yellow (79%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 53.426, 126.207 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, 53.426, 126.207 by changing the saturation by 10% instead.


 56, 53.426,
126.207


 56, 53.426,
126.207


 100, 53.426,
126.207


 46, 53.426,
126.207


 76, 53.426,
126.207

 36, 53.426,
126.207

 86, 53.426,
126.207

 26, 53.426,
126.207

 96, 53.426,
126.207

 16, 53.426,
126.207

 6, 53.426, 126.207

 0, 53.426, 126.207

■ 56, 53.426,
126.207

■ 56, 53.426,
126.207

■ 55, 60.202,
126.123

■ 57, 45.807,
126.499

■ 55, 65.776,
126.358

■ 57, 37.635,
126.906

■ 55, 69.824,
127.025

■ 58, 29.124,
127.367

■ 54, 72.036,
127.568

■ 59, 20.425,
127.843

■ 60, 11.641,
128.311

■ 61, 2.846, 128.777

■ 62, 5.909, 309.138

■ 63, 14.585,
309.524

■ 64, 23.157,
309.868

Harmonies

Complementary

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



56, 53.426, 126.207



33, 58.724, 311.998

Rectangle

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



56, 53.426, 126.207



56, 53.426, 176.207



56, 53.426, 306.207



56, 53.426, 356.207

Sweetspot

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



56, 53.427, 126.208



75, 20.688, 128.025



46, 36.095, 66.040



40, 14.348, 127.902



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, 53.427, 126.208



71, 76.216, 126.178



54, 61.178, 138.773



31, 4.982, 128.496



51, 68.612, 127.470



2, 4.362, 128.881

Inverse Universe

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



33, 58.724, 311.998



37, 85.605, 312.405



39, 60.573, 326.980



29, 5.049, 309.272



20, 78.806, 312.047



0, 4.363, 308.879

Previews

White Background



This preview shows how the CIELCh color 56, 53.426, 126.207 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, 53.426, 126.207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

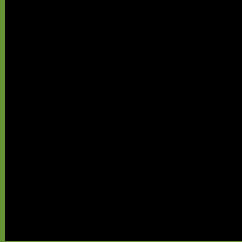
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 53.426, 126.207

Background



This preview shows how black text looks on a background with the CIELCh color 56, 53.426, 126.207.



This preview shows how white text looks on a background with the CIELCh color 56, 53.426, 126.207.

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, 53.426, 126.207

Protanopia
56, 45.976, 95.822

Deuteranopia
56, 41.868, 80.212



Tritanopia
56, 10.553, 235.562

Trichromacy



Original Color
56, 53.426, 126.207

Protanomaly
56, 47.191, 108.422

Deuteranomaly
55, 41.794, 99.973

Tritanomaly
56, 20.081, 147.522

Monochromacy



Original Color
56, 53.426, 126.207

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 20.734, 127.927

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 53.426, 126.207 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(101, 147, 54)` looks like.

```
.text, #text, p{  
    color:rgb(101, 147, 54)  
}
```

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(101, 147, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 147, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 53.426, 126.207 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(101, 147, 54) }
```

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

```
.border{ border-color:rgb(101, 147, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 147, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 147, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 147, 54);  
box-shadow:4px 4px 4px 4px rgb(101, 147,  
54) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 53.426, 126.207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 147, 54) }
```

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

```
.background{ background-color: rgb(101,  
147, 54) }
```

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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