

Converting Colors

CIELCh(56, 25.231, 226.911)

Have a look what the booklet for
CIELCh(56, 25.231, 226.911)
contains.

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Color

CIELCh(56, 25.163, 226.436)

Conversions

Conversions Part 1

Format	Color
Hex	4390A5
RGB	67, 144, 165
RGB Percent	26%, 56%, 65%
CMY	0.7366, 0.4347, 0.3523
CMYK	0.59, 0.13, 0.00, 0.35
HSL	193°, 42%, 46%
HSV	193°, 59%, 65%
XYZ	19.1270, 23.9124, 39.2768
YIQ	123.3710, -52.6330, -9.7930

Conversions

Conversions Part 2

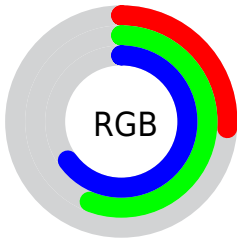
Format	Color
R _Y B	67, 110, 165
Decimal	4427941
CIE Lab	56.00, -17.34, -18.23
CIE LCh	56, 25.163, 226.436
Yxy	23.9124, 0.2324, 0.2905
Android (android.graphics.Color)	4282618021 (0xFF4390A5)
YUV	123.3710, 20.5231, -49.4374
Hunter-Lab	48.9003, -15.7567, -13.3916

Details

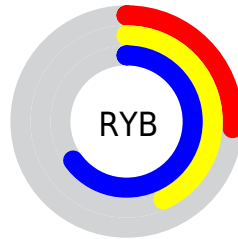
The CIELCh color **56, 25.163, 226.436** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **46, 39.489, 41.530**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 25.117, 226.349**, and **36, 23.893, 228.876** is the 20% darker color. If you saturate the color by 10%, you get **54, 27.676, 228.496**, and if you desaturate by 10%, it is **58, 22.054, 224.832**.

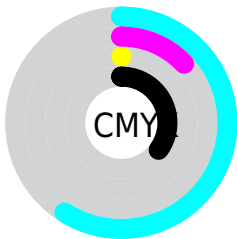
Distribution



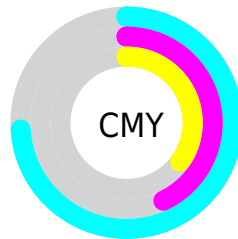
- Red (26%)
- Green (56%)
- Blue (65%)



- Red (26%)
- Yellow (43%)
- Blue (65%)



- Cyan (59%)
- Magenta (13%)
- Yellow (0%)
- Black (35%)





- Cyan (74%)
- Magenta (43%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 25.163, 226.436 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, 25.163, 226.436 by changing the saturation by 10% instead.


 56, 25.163,
226.436


 56, 25.163,
226.436


 100, 25.163,
226.436


 46, 25.163,
226.436


 76, 25.163,
226.436


 36, 25.163,
226.436

 86, 25.163,
226.436

 26, 25.163,
226.436

 96, 25.163,
226.436

 16, 25.163,
226.436

 6, 25.163, 226.436

 0, 25.163, 226.436

■ 56, 25.163,
226.436

■ 56, 25.163,
226.436

■ 54, 27.676,
228.496

■ 58, 22.054,
224.832

■ 53, 29.586,
231.098

■ 60, 18.395,
223.606

■ 52, 30.935,
234.313

■ 62, 14.251,
222.687

■ 50, 31.904,
238.048

■ 64, 9.697, 222.018

■ 50, 31.971,
238.298

■ 66, 4.807, 221.573

■ 68, 0.352, 39.803

■ 70, 5.717, 40.824

■ 73, 11.238, 40.728

■ 75, 16.871, 40.676

Harmonies

Complementary

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



56, 25.163, 226.436



46, 39.489, 41.530

Rectangle

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



56, 25.163, 226.436



56, 25.163, 276.436



56, 25.163, 46.436



56, 25.163, 96.436

Sweetspot

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



56, 25.162, 226.435



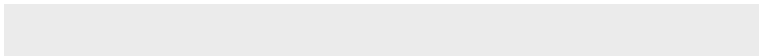
81, 11.192, 221.963



61, 55.975, 144.948



42, 7.700, 222.120



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



56, 25.162, 226.435



69, 34.350, 229.208



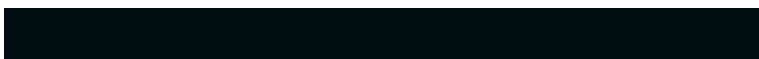
42, 41.712, 284.926



33, 2.887, 221.571



44, 29.070, 237.813



3, 4.511, 227.169

Inverse Universe

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



44, 54.873, 335.084



53, 76.769, 336.141



58, 40.524, 86.012



32, 5.399, 331.576



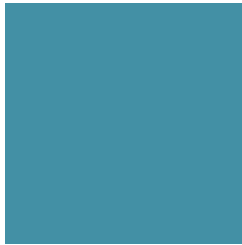
32, 64.604, 338.792



1, 8.056, 332.878

Previews

White Background



This preview shows how the CIE LCh color 56, 25.163, 226.436 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, 25.163, 226.436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

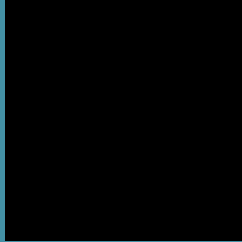
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 25.163, 226.436

Background



This preview shows how black text looks on a background with the CIELCh color 56, 25.163, 226.436.

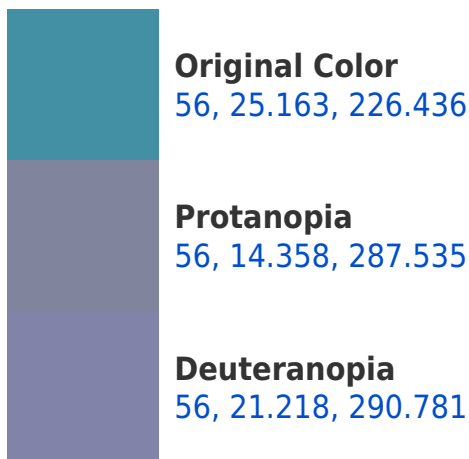


This preview shows how white text looks on a background with the CIELCh color 56, 25.163, 226.436.

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





Tritanopia
56, 25.032, 213.404

Trichromacy



Original Color
56, 25.163, 226.436

Protanomaly
55, 16.636, 255.158

Deuteranomaly
56, 19.861, 263.075

Tritanomaly
56, 25.013, 217.680

Monochromacy



Original Color
56, 25.163, 226.436

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 11.041, 223.440

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 25.163, 226.436 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(67, 144, 165)` looks like.

```
.text, #text, p{  
    color:rgb(67, 144, 165)  
}
```

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(67, 144, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 144, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 25.163, 226.436 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(67, 144, 165) }
```

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

```
.border{ border-color:rgb(67, 144, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 144, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 144, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 144, 165);  
box-shadow:4px 4px 4px 4px rgb(67, 144,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 25.163, 226.436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 144, 165) }
```

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

```
.background{ background-color: rgb(67, 144,  
165) }
```

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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