

Converting Colors

CIELCh(56, 43.870, 283.303)

Have a look what the booklet for
CIELCh(56, 43.870, 283.303)
contains.

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Color

CIELCh(56, 43.926, 283.410)

Conversions

Conversions Part 1

Format	Color
Hex	6484D0
RGB	100, 132, 208
RGB Percent	39%, 52%, 82%
CMY	0.6062, 0.4809, 0.1827
CMYK	0.52, 0.36, 0.00, 0.18
HSL	222°, 54%, 61%
HSV	222°, 52%, 82%
XYZ	25.0405, 23.9124, 63.2377
YIQ	131.0960, -43.4680, 16.8520

Conversions

Conversions Part 2

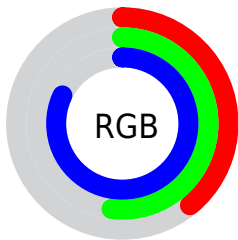
Format	Color
RYB	100, 125, 208
Decimal	6587600
CIELab	56.00, 10.19, -42.73
CIElCh	56, 43.926, 283.410
Yxy	23.9124, 0.2232, 0.2131
Android (android.graphics.Color)	4284777680 (0xFF6484D0)
YUV	131.0960, 37.9137, -27.2712
Hunter-Lab	48.9003, 5.8293, -42.4434

Details

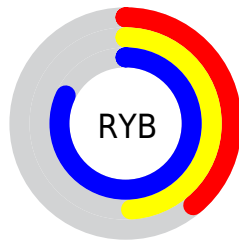
The CIELCh color **56, 43.926, 283.410** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **73, 42.952, 87.267**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 38.303, 281.028**, and **36, 43.889, 283.318** is the 20% darker color. If you saturate the color by 10%, you get **51, 53.067, 286.205**, and if you desaturate by 10%, it is **61, 35.037, 280.975**.

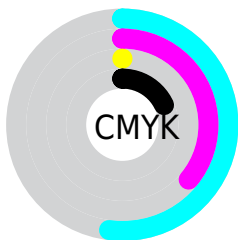
Distribution



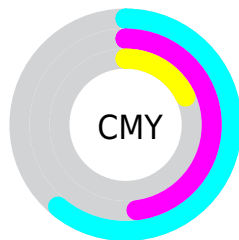
- Red (39%)
- Green (52%)
- Blue (82%)



- Red (39%)
- Yellow (49%)
- Blue (82%)



- Cyan (52%)
- Magenta (36%)
- Yellow (0%)
- Black (18%)





- Cyan (61%)
- Magenta (48%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 43.926, 283.410 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, 43.926, 283.410 by changing the saturation by 10% instead.


 56, 43.926,
283.410


 56, 43.926,
283.410


 100, 43.926,
283.410


 46, 43.926,
283.410


 76, 43.926,
283.410

 36, 43.926,
283.410

 86, 43.926,
283.410

 26, 43.926,
283.410

 96, 43.926,
283.410

 16, 43.926,
283.410

 6, 43.926, 283.410

 0, 43.926, 283.410

56, 43.926,
283.410

56, 43.926,
283.410

51, 53.067,
286.205

61, 35.037,
280.975

46, 62.485,
289.336

67, 26.369,
278.880

41, 72.150,
292.716

72, 17.896,
277.088

37, 81.895,
296.173

77, 9.599, 275.562

83, 1.468, 274.372

34, 89.681,
298.829

88, 6.502, 93.049

93, 14.314, 92.081

98, 21.059,
103.240

99, 23.524,

Harmonies

Complementary

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



56, 43.926, 283.410



73, 42.952, 87.267

Rectangle

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



56, 43.926, 283.410



56, 43.926, 333.410



56, 43.926, 103.410



56, 43.926, 153.410

Sweetspot

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



56, 43.925, 283.411



90, 15.374, 276.198



77, 39.434, 170.308



47, 10.401, 276.518



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



56, 43.925, 283.411



61, 62.766, 286.476



49, 63.351, 302.964



41, 4.612, 275.232



27, 75.328, 298.318



4, 20.408, 284.730

Inverse Universe

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



56, 45.988, 3.363



63, 64.103, 6.045



80, 55.595, 114.572



41, 4.802, 357.078



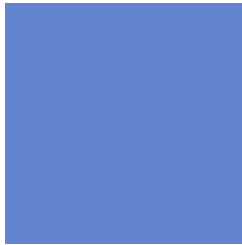
35, 64.214, 21.046



4, 20.480, 5.760

Previews

White Background



This preview shows how the CIELCh color 56, 43.926, 283.410 looks on a white background.

Color Contrast Check

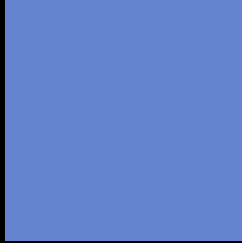
Large Text (above 18pt) WCAG AA ✓ Pass

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, 43.926, 283.410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

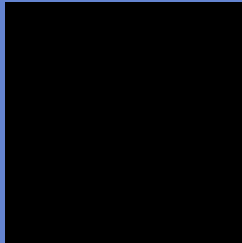
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 43.926, 283.410

Background



This preview shows how black text looks on a background with the CIELCh color 56, 43.926, 283.410.

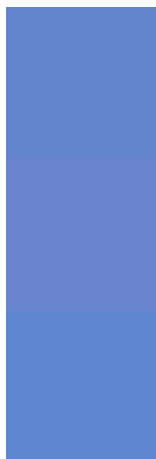


This preview shows how white text looks on a background with the CIELCh color 56, 43.926, 283.410.

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, 43.926, 283.410

Protanopia

56, 43.724, 285.747

Deuteranopia

56, 43.046, 280.556



Tritanopia
56, 20.397, 217.597

Trichromacy



Original Color
56, 43.926, 283.410

Protanomaly
56, 43.775, 284.697

Deuteranomaly
56, 43.498, 281.833

Tritanomaly
56, 24.630, 253.613

Monochromacy



Original Color
56, 43.926, 283.410

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 15.952, 276.608

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 43.926, 283.410 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(100, 132, 208)` looks like.

```
.text, #text, p{  
    color:rgb(100, 132, 208)  
}
```

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(100, 132, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 132, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 43.926, 283.410 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(100, 132, 208) }
```

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

```
.border{ border-color:rgb(100, 132, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 132, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 132, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 132, 208);  
box-shadow:4px 4px 4px 4px rgb(100, 132,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 43.926, 283.410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 132, 208) }
```

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

```
.background{ background-color: rgb(100,  
132, 208) }
```

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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