

Converting Colors

CIELCh(56, 41.496, 275.114)

Have a look what the booklet for
CIELCh(56, 41.496, 275.114)
contains.

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Color

CIELCh(56, 41.535, 275.198)

Conversions

Conversions Part 1

Format	Color
Hex	5488CE
RGB	84, 136, 206
RGB Percent	33%, 53%, 81%
CMY	0.6710, 0.4670, 0.1926
CMYK	0.59, 0.34, 0.00, 0.19
HSL	214°, 55%, 57%
HSV	214°, 59%, 81%
XYZ	23.5648, 23.9124, 61.6994
YIQ	128.4320, -53.4620, 10.7460

Conversions

Conversions Part 2

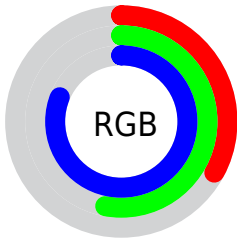
Format	Color
R_{YB}	84, 120, 206
Decimal	5540046
CIE _{Lab}	56.00, 3.76, -41.36
CIE _{LCh}	56, 41.535, 275.198
Yxy	23.9124, 0.2158, 0.2190
Android (android.graphics.Color)	4283730126 (0xFF5488CE)
YUV	128.4320, 38.2410, -38.9669
Hunter-Lab	48.9003, 0.4428, -40.5782

Details

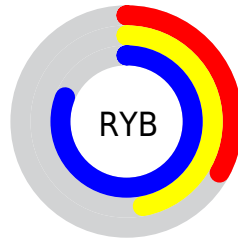
The CIELCh color **56, 41.535, 275.198** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **67, 45.319, 74.947**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 37.420, 272.065**, and **36, 41.242, 274.814** is the 20% darker color. If you saturate the color by 10%, you get **52, 48.634, 278.579**, and if you desaturate by 10%, it is **60, 34.499, 272.253**.

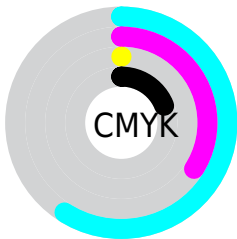
Distribution



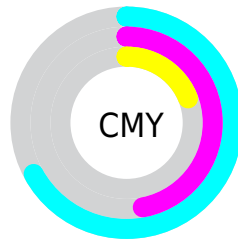
- Red (33%)
- Green (53%)
- Blue (81%)



- Red (33%)
- Yellow (47%)
- Blue (81%)



- Cyan (59%)
- Magenta (34%)
- Yellow (0%)
- Black (19%)





- Cyan (67%)
- Magenta (47%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 41.535, 275.198 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, 41.535, 275.198 by changing the saturation by 10% instead.


 56, 41.535,
275.198


 56, 41.535,
275.198


 100, 41.535,
275.198


 46, 41.535,
275.198


 76, 41.535,
275.198

 36, 41.535,
275.198

 86, 41.535,
275.198

 26, 41.535,
275.198

 96, 41.535,
275.198

 16, 41.535,
275.198

 6, 41.535, 275.198

 0, 41.535, 275.198

■ 56, 41.535,
275.198

■ 56, 41.535,
275.198

■ 52, 48.634,
278.579

■ 60, 34.499,
272.253

■ 48, 55.857,
282.358

■ 65, 27.486,
269.728

■ 44, 63.262,
286.424

■ 69, 20.477,
267.580

■ 40, 70.867,
290.519

■ 74, 13.468,
265.762

■ 40, 71.444,
290.804

■ 78, 6.468, 264.234

■ 83, 0.512, 82.240

■ 88, 7.457, 81.677

■ 92, 14.356, 80.713

■ 96, 19.136, 94.168

Harmonies

Complementary

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



56, 41.535, 275.198



67, 45.319, 74.947

Rectangle

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



56, 41.535, 275.198



56, 41.535, 325.198



56, 41.535, 95.198



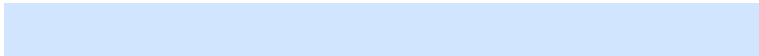
56, 41.535, 145.198

Sweetspot

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



56, 41.534, 275.199



90, 14.977, 265.591



75, 49.199, 160.633



47, 10.410, 266.087



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, 41.534, 275.199



62, 59.356, 279.537



43, 72.644, 300.814



41, 3.935, 264.253



32, 59.820, 290.129



5, 16.533, 276.872

Inverse Universe

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



53, 53.506, 355.508



60, 73.093, 358.568



80, 61.154, 107.934



40, 5.064, 348.605



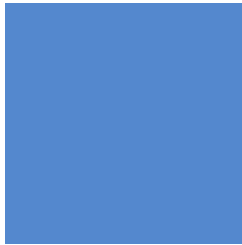
35, 61.197, 8.663



4, 19.277, 358.005

Previews

White Background



This preview shows how the CIE LCh color 56, 41.535, 275.198 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, 41.535, 275.198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

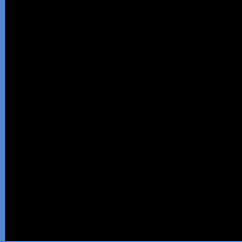
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

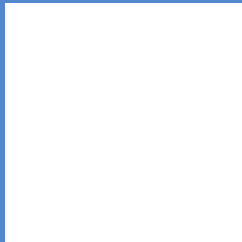
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 56, 41.535, 275.198

Background



This preview shows how black text looks on a background with the CIELCh color 56, 41.535, 275.198.

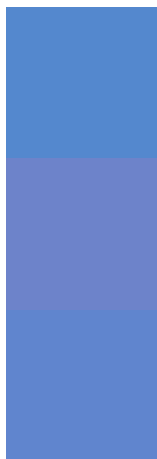


This preview shows how white text looks on a background with the CIELCh color 56, 41.535, 275.198.

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, 41.535, 275.198

Protanopia

56, 40.859, 285.740

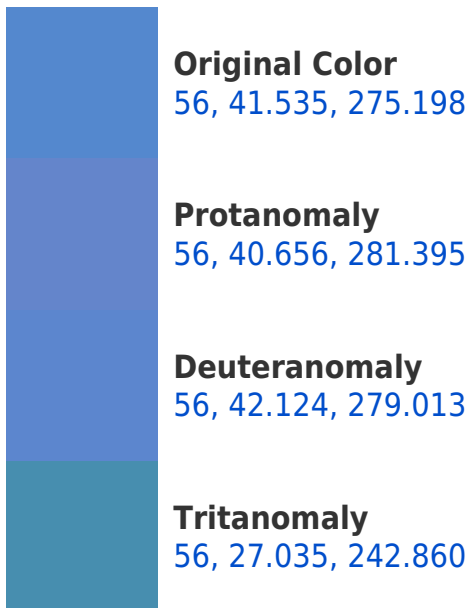
Deuteranopia

56, 42.463, 280.949

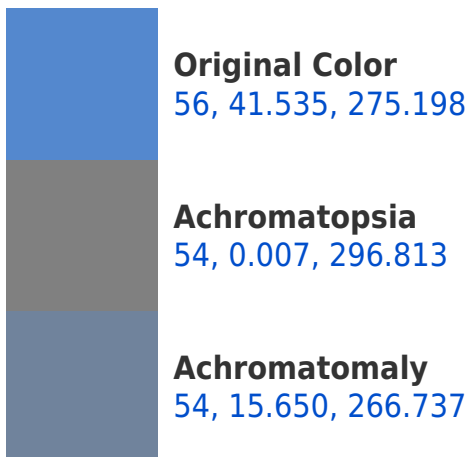


Tritanopia
56, 25.415, 211.739

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 41.535, 275.198 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(84, 136, 206)` looks like.

```
.text, #text, p{  
    color:rgb(84, 136, 206)  
}
```

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(84, 136, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 136, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 41.535, 275.198 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(84, 136, 206) }
```

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

```
.border{ border-color:rgb(84, 136, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 136, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 136, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 136, 206);  
box-shadow:4px 4px 4px 4px rgb(84, 136,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 41.535, 275.198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 136, 206) }
```

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

```
.background{ background-color: rgb(84, 136,  
206) }
```

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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