

Converting Colors

CIELCh(53, 19.756, 275.365)

Have a look what the booklet for
CIELCh(53, 19.756, 275.365)
contains.

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Color

CIELCh(53, 19.756, 275.365)

Conversions

Conversions Part 1

Format	Color
Hex	6E7FA0
RGB	110, 127, 160
RGB Percent	43%, 50%, 63%
CMY	0.5685, 0.5018, 0.3724
CMYK	0.31, 0.21, 0.00, 0.37
HSL	220°, 21%, 53%
HSV	220°, 31%, 63%
XYZ	20.3788, 21.0462, 36.2651
YIQ	125.6790, -20.7250, 6.6590

Conversions

Conversions Part 2

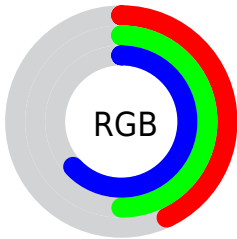
Format	Color
RYB	110, 123, 160
Decimal	7241632
CIELab	53.00, 1.85, -19.67
CIELCh	53, 19.756, 275.365
Yxy	21.0462, 0.2623, 0.2709
Android (android.graphics.Color)	4285431712 (0xFF6E7FA0)
YUV	125.6790, 16.9203, -13.7505
Hunter-Lab	45.8761, -0.9910, -14.7555

Details

The CIELCh color $53, 19.756, 275.365$ is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be $60, 19.939, 86.632$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 19.657, 275.191$, and $33, 19.622, 274.967$ is the 20% darker color. If you saturate the color by 10%, you get $49, 26.278, 277.436$, and if you desaturate by 10%, it is $57, 13.334, 273.590$.

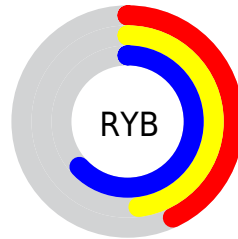
Distribution



Red (43%)

Green (50%)

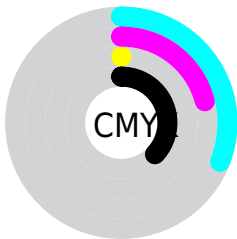
Blue (63%)



Red (43%)

Yellow (48%)

Blue (63%)

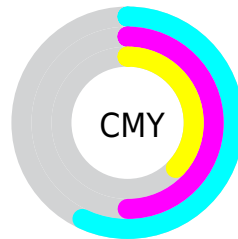


Cyan (31%)

Magenta (21%)

Yellow (0%)

Black (37%)



Cyan (57%)


Magenta (50%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 19.756, 275.365 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 53, 19.756, 275.365 by changing the saturation by 10% instead.


 53, 19.756,
275.365


 53, 19.756,
275.365


 100, 19.756,
275.365


 43, 19.756,
275.365


 73, 19.756,
275.365

 33, 19.756,
275.365

 83, 19.756,
275.365

 23, 19.756,
275.365

 93, 19.756,
275.365

 13, 19.756,
275.365

 3, 19.756, 275.365

 0, 19.756, 275.365

■ 53, 19.756,
275.365

■ 53, 19.756,
275.365

■ 49, 26.278,
277.436

■ 57, 13.334,
273.590

■ 45, 32.918,
279.847

■ 61, 7.008, 272.079

■ 41, 39.700,
282.622

■ 65, 0.775, 271.006

■ 69, 5.366, 89.564

■ 37, 46.654,
285.756

■ 74, 11.411, 88.598

■ 33, 53.799,
289.191

■ 78, 17.361, 87.741

■ 82, 23.212, 86.983

■ 30, 61.099,
292.796

■ 86, 28.965, 86.310

■ 27, 67.535,
295.813

■ 90, 34.619, 85.709

Harmonies

Complementary

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



53, 19.756, 275.365



60, 19.939, 86.632

Rectangle

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



53, 19.756, 275.365



53, 19.756, 325.365



53, 19.756, 95.365



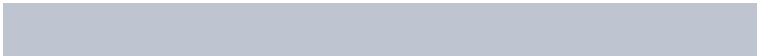
53, 19.756, 145.365

Sweetspot

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



53, 19.755, 275.364



79, 6.967, 271.798



62, 20.951, 169.559



41, 4.835, 271.983



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



53, 19.755, 275.364



65, 29.229, 276.668



49, 29.604, 298.885



31, 3.486, 271.806



24, 61.489, 295.441



1, 4.619, 271.987

Inverse Universe

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



52, 22.477, 356.581



64, 33.277, 357.500



64, 27.566, 113.770



31, 3.897, 354.036



30, 55.724, 16.152



1, 4.966, 354.418

Previews

White Background



This preview shows how the CIELCh color 53, 19.756, 275.365 looks on a white background.

Color Contrast Check

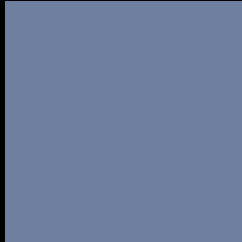
Large Text (above 18pt) WCAG AA ✓ Pass

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 53, 19.756, 275.365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

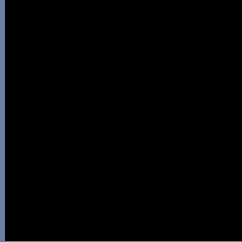
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

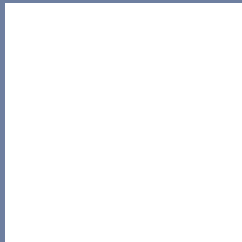
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 19.756, 275.365

Background



This preview shows how black text looks on a background with the CIELCh color 53, 19.756, 275.365.



This preview shows how white text looks on a background with the CIELCh color 53, 19.756, 275.365.

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


53, 19.756, 275.365

Protanopia

53, 19.770, 285.469

Deuteranopia

53, 21.432, 289.986



Tritanopia
53, 10.628, 235.708

Trichromacy



Original Color
53, 19.756, 275.365

Protanomaly
53, 19.357, 281.114

Deuteranomaly
53, 20.945, 285.116

Tritanomaly
53, 13.260, 255.355

Monochromacy



Original Color
53, 19.756, 275.365

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 7.265, 272.839

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 19.756, 275.365 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(110, 127, 160)` looks like.

```
.text, #text, p{  
    color:rgb(110, 127, 160)  
}
```

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(110, 127, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 127, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 19.756, 275.365 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(110, 127, 160) }
```

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

```
.border{ border-color:rgb(110, 127, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 127, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 127, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 127, 160);  
box-shadow:4px 4px 4px 4px rgb(110, 127,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 19.756, 275.365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 127, 160) }
```

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

```
.background{ background-color: rgb(110,  
127, 160) }
```

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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