

Converting Colors

CIELCh(53, 39.650, 256.733)

Have a look what the booklet for
CIELCh(53, 39.650, 256.733)
contains.

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Color

CIELCh(53, 39.641, 256.886)

Conversions

Conversions Part 1

Format	Color
Hex	0786C0
RGB	7, 134, 192
RGB Percent	3%, 53%, 75%
CMY	0.9720, 0.4728, 0.2452
CMYK	0.96, 0.30, 0.00, 0.25
HSL	199°, 93%, 39%
HSV	199°, 96%, 75%
XYZ	18.2433, 21.0462, 53.2492
YIQ	102.6390, -94.3100, -8.8860

Conversions

Conversions Part 2

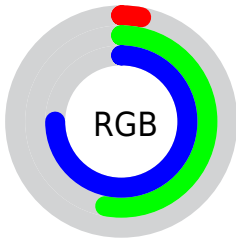
Format	Color
RYB	7, 82, 192
Decimal	493248
CIELab	53.00, -8.99, -38.61
CIElCh	53, 39.641, 256.886
Yxy	21.0462, 0.1971, 0.2274
Android (android.graphics.Color)	4278683328 (0xFF0786C0)
YUV	102.6390, 44.0550, -83.8754
Hunter-Lab	45.8761, -9.3002, -36.7056

Details

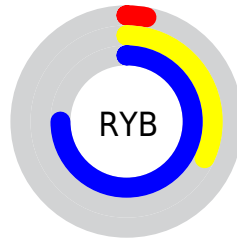
The CIELCh color **53, 39.641, 256.886** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **46, 73.596, 48.283**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **73, 39.738, 257.108**, and **35, 35.514, 268.759** is the 20% darker color. If you saturate the color by 10%, you get **52, 40.547, 258.688**, and if you desaturate by 10%, it is **55, 37.235, 252.076**.

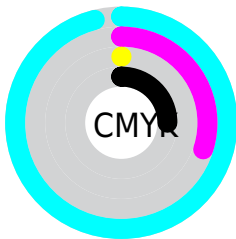
Distribution



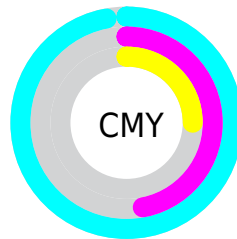
- Red (3%)
- Green (53%)
- Blue (75%)



- Red (3%)
- Yellow (32%)
- Blue (75%)



- Cyan (96%)
- Magenta (30%)
- Yellow (0%)
- Black (25%)





- Cyan (97%)
- Magenta (47%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 39.641, 256.886 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, 39.641, 256.886 by changing the saturation by 10% instead.


 53, 39.641,
256.886


 53, 39.641,
256.886


 100, 39.641,
256.886


 43, 39.641,
256.886


 73, 39.641,
256.886

 33, 39.641,
256.886

 83, 39.641,
256.886

 23, 39.641,
256.886

 93, 39.641,
256.886

 13, 39.641,
256.886

 3, 39.641, 256.886

 0, 39.641, 256.886

■ 53, 39.641,
256.886

■ 53, 39.641,
256.886

■ 52, 40.547,
258.688

■ 55, 37.235,
252.076

■ 57, 34.563,
247.884

■ 60, 31.481,
244.364

■ 62, 27.920,
241.480

■ 65, 23.867,
239.152

■ 67, 19.352,
237.292

■ 70, 14.428,
235.817

■ 73, 9.160, 234.659

Harmonies

Complementary

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



53, 39.641, 256.886



46, 73.596, 48.283

Rectangle

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



53, 39.641, 256.886



53, 39.641, 306.886



53, 39.641, 76.886



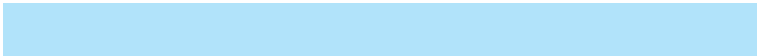
53, 39.641, 126.886

Sweetspot

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



53, 39.640, 256.887



88, 19.508, 236.248



68, 84.135, 141.754



45, 13.218, 236.886



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



53, 39.640, 256.887



67, 49.759, 259.578



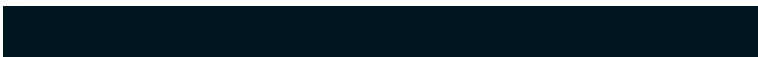
29, 91.703, 301.632



39, 3.253, 234.027



44, 35.220, 257.933



6, 10.663, 247.292

Inverse Universe

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



43, 73.842, 345.191



55, 89.838, 346.310



66, 68.420, 88.376



38, 5.801, 335.430



35, 64.939, 345.618



3, 18.055, 341.010

Previews

White Background



This preview shows how the CIE LCh color 53, 39.641, 256.886 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, 39.641, 256.886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

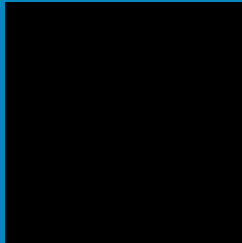
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 39.641, 256.886

Background



This preview shows how black text looks on a background with the CIELCh color 53, 39.641, 256.886.

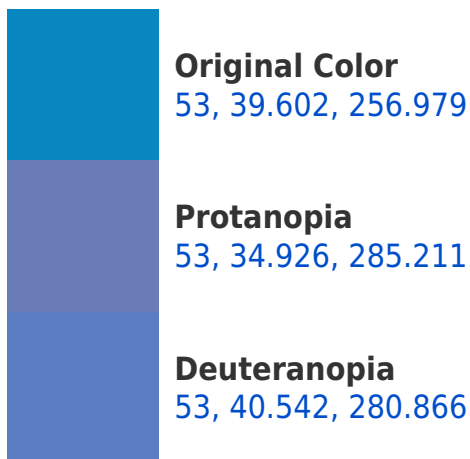


This preview shows how white text looks on a background with the CIELCh color 53, 39.641, 256.886.

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



Trichromacy



Original Color
53, 39.602, 256.979

Protanomaly
52, 36.630, 269.151

Deuteranomaly
52, 40.200, 269.601

Monochromacy



Original Color
53, 39.602, 256.979

Achromatopsia
44, 0.006, 296.813

Achromatomaly
46, 19.340, 241.193

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 39.641, 256.886 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(7, 134, 192)` looks like.

```
.text, #text, p{  
    color:rgb(7, 134, 192)  
}
```

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(7, 134, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 134, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 39.641, 256.886 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(7, 134, 192) }
```

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

```
.border{ border-color:rgb(7, 134, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 134, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 134, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 134, 192);  
box-shadow:4px 4px 4px 4px rgb(7, 134,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 39.641, 256.886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 134, 192) }
```

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

```
.background{ background-color: rgb(7, 134,  
192) }
```

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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