

Converting Colors

CIELCh(54, 40.829, 258.406)

Have a look what the booklet for
CIELCh(54, 40.829, 258.406)
contains.

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Color

CIELCh(54, 40.885, 258.403)

Conversions

Conversions Part 1

Format	Color
Hex	0B89C6
RGB	11, 137, 198
RGB Percent	4%, 54%, 78%
CMY	0.9563, 0.4635, 0.2244
CMYK	0.94, 0.31, 0.00, 0.22
HSL	200°, 89%, 41%
HSV	200°, 94%, 78%
XYZ	19.2254, 21.9746, 56.5252
YIQ	106.2800, -94.6770, -7.7410

Conversions

Conversions Part 2

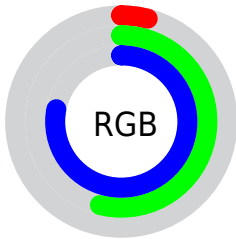
Format	Color
R_{YB}	11, 86, 198
Decimal	756166
CIE _{Lab}	54.00, -8.22, -40.05
CIE _{LCh}	54, 40.885, 258.403
Yxy	21.9746, 0.1967, 0.2249
Android (android.graphics.Color)	4278946246 (0xFF0B89C6)
YUV	106.2800, 45.2180, -83.5606
Hunter-Lab	46.8770, -8.8276, -38.6791

Details

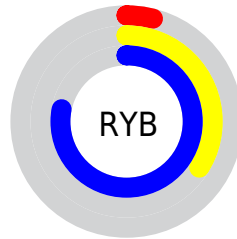
The CIELCh color **54, 40.885, 258.403** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **48, 73.454, 49.296**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 40.908, 258.595**, and **36, 37.586, 270.667** is the 20% darker color. If you saturate the color by 10%, you get **53, 42.407, 261.198**, and if you desaturate by 10%, it is **56, 38.176, 253.614**.

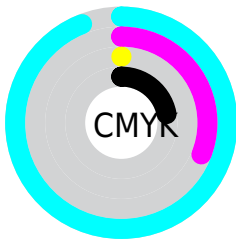
Distribution



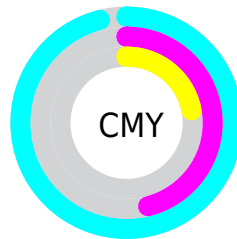
- Red (4%)
- Green (54%)
- Blue (78%)



- Red (4%)
- Yellow (34%)
- Blue (78%)



- Cyan (94%)
- Magenta (31%)
- Yellow (0%)
- Black (22%)



- Cyan (96%)
- Magenta (46%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 40.885, 258.403 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 54, 40.885, 258.403 by changing the saturation by 10% instead.


 54, 40.885,
258.403

 54, 40.885,
258.403


 100, 40.885,
258.403

 44, 40.885,
258.403


 74, 40.885,
258.403

 34, 40.885,
258.403

 84, 40.885,
258.403

 24, 40.885,
258.403

 94, 40.885,
258.403

 14, 40.885,
258.403

 4, 40.885, 258.403

 0, 40.885, 258.403

■ 54, 40.885,
258.403

■ 54, 40.885,
258.403

■ 53, 42.407,
261.198

■ 56, 38.176,
253.614

■ 58, 35.200,
249.450

■ 61, 31.823,
245.952

■ 64, 27.982,
243.081

■ 66, 23.669,
240.757

■ 69, 18.914,
238.894

■ 72, 13.772,
237.409

■ 75, 8.305, 236.240

Harmonies

Complementary

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



54, 40.885, 258.403



48, 73.454, 49.296

Rectangle

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



54, 40.885, 258.403



54, 40.885, 308.403



54, 40.885, 78.403



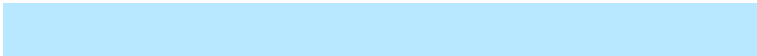
54, 40.885, 128.403

Sweetspot

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



54, 40.884, 258.404



89, 19.251, 237.970



70, 83.917, 142.636



46, 13.133, 238.638



0, 0.000, 0.000



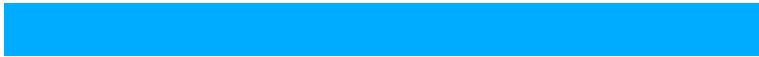
53, 0.007, 296.813

Same Dimension

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



54, 40.884, 258.404



67, 51.801, 262.048



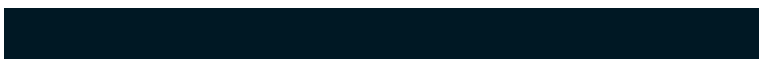
30, 93.740, 301.768



40, 3.326, 235.768



44, 36.478, 260.407



7, 11.602, 249.238

Inverse Universe

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



44, 74.647, 345.814



56, 90.458, 347.405



68, 70.076, 90.011



39, 5.870, 336.006



36, 65.143, 346.670



4, 20.112, 342.226

Previews

White Background



This preview shows how the CIELCh color 54, 40.885, 258.403 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 54, 40.885, 258.403 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 54, 40.885, 258.403

Background



This preview shows how black text looks on a background with the CIELCh color 54, 40.885, 258.403.

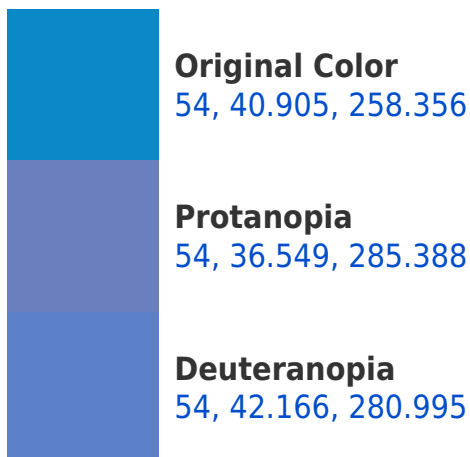


This preview shows how white text looks on a background with the CIELCh color 54, 40.885, 258.403.

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
54, 31.504, 207.307

Trichromacy



Original Color
54, 40.905, 258.356

Protanomaly
53, 38.059, 270.507

Deuteranomaly
53, 41.678, 270.609

Tritanomaly
54, 31.852, 227.989

Monochromacy



Original Color
54, 40.905, 258.356

Achromatopsia
45, 0.006, 296.813

Achromatomaly
47, 19.135, 241.535

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 40.885, 258.403 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(11, 137, 198)` looks like.

```
.text, #text, p{  
    color:rgb(11, 137, 198)  
}
```

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(11, 137, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 137, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 40.885, 258.403 is called "border". The border property can be set on classes, ids or directly on the HTML element.

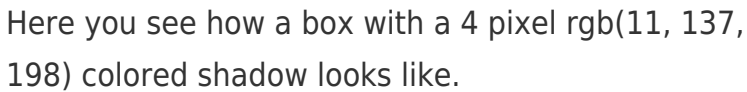
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(11, 137, 198) }
```

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

```
.border{ border-color:rgb(11, 137, 198) }
```

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



Here you see how a box with a 4 pixel rgb(11, 137, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 137, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 137, 198);  
box-shadow:4px 4px 4px 4px rgb(11, 137,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 40.885, 258.403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 137, 198) }
```

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

```
.background{ background-color: rgb(11, 137,  
198) }
```

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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