

Converting Colors

CIELCh(52, 40.516, 259.114)

Have a look what the booklet for
CIELCh(52, 40.516, 259.114)
contains.

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Color

CIELCh(52, 40.747, 259.591)

Conversions

Conversions Part 1

Format	Color
Hex	0383C0
RGB	3, 131, 192
RGB Percent	1%, 51%, 75%
CMY	0.9870, 0.4852, 0.2459
CMYK	0.98, 0.32, 0.00, 0.25
HSL	199°, 97%, 38%
HSV	199°, 98%, 75%
XYZ	17.7398, 20.1443, 52.9912
YIQ	99.6820, -95.8690, -8.1650

Conversions

Conversions Part 2

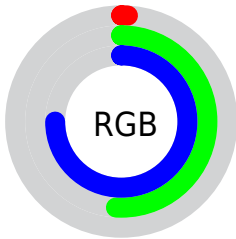
Format	Color
RYB	3, 79, 192
Decimal	230336
CIELab	52.00, -7.36, -40.08
CIElCh	52, 40.747, 259.591
Yxy	20.1443, 0.1952, 0.2217
Android (android.graphics.Color)	4278420416 (0xFF0383C0)
YUV	99.6820, 45.5128, -84.7901
Hunter-Lab	44.8824, -7.9921, -38.5840

Details

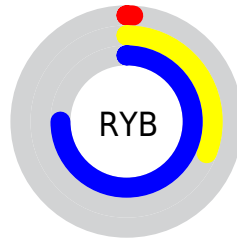
The CIELCh color **52, 40.747, 259.591** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **46, 74.446, 48.606**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 40.781, 259.525**, and **34, 37.046, 271.835** is the 20% darker color. If you saturate the color by 10%, you get **52, 41.200, 260.421**, and if you desaturate by 10%, it is **54, 38.194, 254.684**.

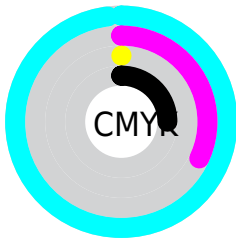
Distribution



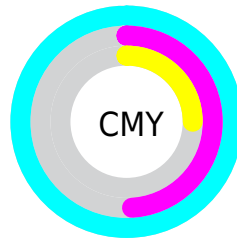
- Red (1%)
- Green (51%)
- Blue (75%)



- Red (1%)
- Yellow (31%)
- Blue (75%)



- Cyan (98%)
- Magenta (32%)
- Yellow (0%)
- Black (25%)





- Cyan (99%)
- Magenta (49%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 40.747, 259.591 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 52, 40.747, 259.591 by changing the saturation by 10% instead.


 52, 40.747,
259.591


 52, 40.747,
259.591


 100, 40.747,
259.591


 42, 40.747,
259.591


 72, 40.747,
259.591

 32, 40.747,
259.591

 82, 40.747,
259.591

 22, 40.747,
259.591

 92, 40.747,
259.591

 12, 40.747,
259.591

 2, 40.747, 259.591

 0, 40.747, 259.591

■ 52, 40.747,
259.591

■ 52, 40.747,
259.591

■ 52, 41.200,
260.421

■ 54, 38.194,
254.684

■ 56, 35.456,
250.302

■ 59, 32.358,
246.586

■ 61, 28.814,
243.515

■ 64, 24.799,
241.020

■ 66, 20.330,
239.017

■ 69, 15.457,
237.419

■ 72, 10.237,

236.153

■ 75, 4.734, 235.186

Harmonies

Complementary

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



52, 40.747, 259.591



46, 74.446, 48.606

Rectangle

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



52, 40.747, 259.591



52, 40.747, 309.591



52, 40.747, 79.591



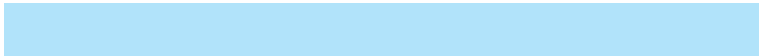
52, 40.747, 129.591

Sweetspot

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



52, 40.746, 259.592



87, 19.546, 237.589



68, 84.028, 141.916



45, 13.249, 238.249



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



52, 40.746, 259.592



66, 50.628, 261.317



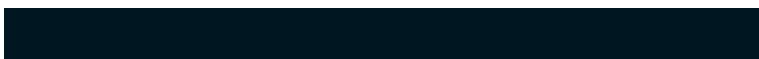
27, 95.094, 302.662



39, 3.254, 235.275



43, 35.797, 259.667



6, 10.738, 248.802

Inverse Universe

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



43, 73.461, 346.317



55, 89.306, 347.074



66, 69.299, 89.496



38, 5.761, 335.840



35, 64.555, 346.348



3, 17.907, 341.593

Previews

White Background



This preview shows how the CIELCh color 52, 40.747, 259.591 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 52, 40.747, 259.591 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 52, 40.747, 259.591

Background



This preview shows how black text looks on a background with the CIELCh color 52, 40.747, 259.591.

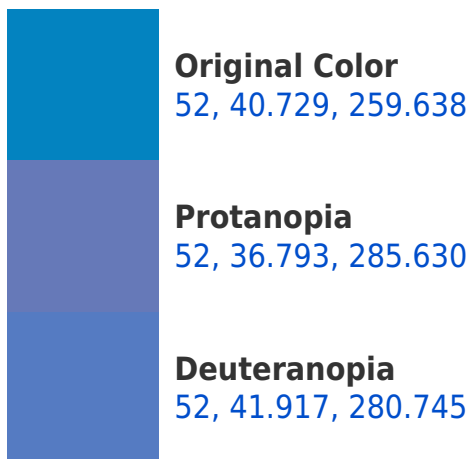


This preview shows how white text looks on a background with the CIELCh color 52, 40.747, 259.591.

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
52, 30.517, 207.753

Trichromacy



Original Color
52, 40.729, 259.638

Protanomaly
51, 38.275, 270.768

Deuteranomaly
51, 41.428, 270.344

Tritanomaly
52, 31.124, 229.090

Monochromacy



Original Color
52, 40.729, 259.638

Achromatopsia
42, 0.006, 296.813

Achromatomaly
45, 19.679, 242.962

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 40.747, 259.591 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(3, 131, 192)` looks like.

```
.text, #text, p{  
    color:rgb(3, 131, 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(3, 131, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 131, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 40.747, 259.591 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(3, 131, 192) }
```

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

```
.border{ border-color:rgb(3, 131, 192) }
```

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

Here you see how a box with a 4 pixel rgb(3, 131, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 131, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 131, 192);  
box-shadow:4px 4px 4px 4px rgb(3, 131,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 40.747, 259.591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 131, 192) }
```

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

```
.background{ background-color: rgb(3, 131,  
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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