

Converting Colors

CIELCh(38, 66.718, 290.208)

Have a look what the booklet for
CIELCh(38, 66.718, 290.208)
contains.

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Color

CIELCh(38, 66.705, 290.275)

Conversions

Conversions Part 1

Format	Color
Hex	0653C0
RGB	6, 83, 192
RGB Percent	2%, 33%, 75%
CMY	0.9781, 0.6734, 0.2457
CMYK	0.97, 0.57, 0.00, 0.25
HSL	215°, 94%, 39%
HSV	215°, 97%, 75%
XYZ	12.7381, 10.0881, 51.3488
YIQ	72.4030, -80.8810, 17.5750

Conversions

Conversions Part 2

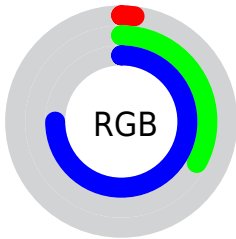
Format	Color
R _Y B	6, 60, 192
Decimal	414656
CIE Lab	38.00, 23.12, -62.57
CIE LCh	38, 66.705, 290.275
Yxy	10.0881, 0.1717, 0.1360
Android (android.graphics.Color)	4278604736 (0xFF0653C0)
YUV	72.4030, 58.9613, -58.2354
Hunter-Lab	31.7617, 16.0050, -73.6203

Details

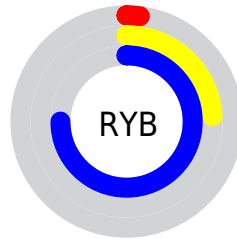
The CIELCh color **38, 66.705, 290.275** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **56, 66.104, 68.544**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 66.370, 290.129**, and **21, 64.001, 297.903** is the 20% darker color. If you saturate the color by 10%, you get **37, 68.867, 291.378**, and if you desaturate by 10%, it is **41, 59.380, 286.216**.

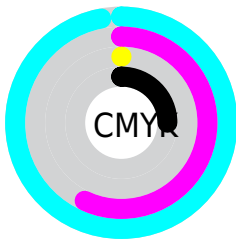
Distribution



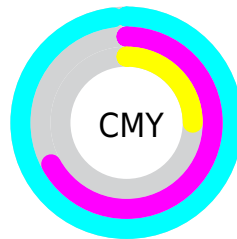
- Red (2%)
- Green (33%)
- Blue (75%)



- Red (2%)
- Yellow (24%)
- Blue (75%)



- Cyan (97%)
- Magenta (57%)
- Yellow (0%)
- Black (25%)





- Cyan (98%)
- Magenta (67%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 66.705, 290.275 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 38, 66.705, 290.275 by changing the saturation by 10% instead.


 38, 66.705,
290.275


 38, 66.705,
290.275

 100, 66.705,
290.275


 28, 66.705,
290.275

 58, 66.705,
290.275

 18, 66.705,
290.275


 68, 66.705,
290.275

 8, 66.705, 290.275

 78, 66.705,
290.275

 0, 66.705, 290.275

 88, 66.705,
290.275

 98, 66.705,
290.275

■ 38, 66.705,
290.275

■ 38, 66.705,
290.275

■ 37, 68.867,
291.378

■ 41, 59.380,
286.216

■ 45, 52.240,
282.268

■ 49, 45.271,
278.628

■ 53, 38.421,
275.389

■ 57, 31.638,
272.574

■ 62, 24.888,
270.161

■ 66, 18.155,
268.109

■ 70, 11.438,

266.369

■ 75, 4.743, 264.913

Harmonies

Complementary

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



38, 66.705, 290.275



56, 66.104, 68.544

Rectangle

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



38, 66.705, 290.275



38, 66.705, 340.275



38, 66.705, 110.275



38, 66.705, 160.275

Sweetspot

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



38, 66.705, 290.277



82, 24.037, 268.563



69, 64.784, 154.306



42, 16.500, 269.438



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



38, 66.705, 290.277



48, 85.272, 292.053



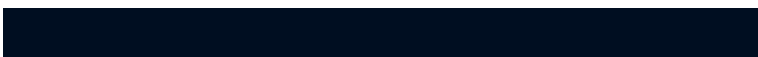
24, 106.340, 306.331



39, 3.810, 265.217



31, 59.414, 290.800



4, 13.979, 275.459

Inverse Universe

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



41, 67.823, 8.910



53, 83.449, 11.171



74, 78.189, 107.915



38, 4.823, 349.218



34, 59.849, 9.512



3, 15.199, 357.251

Previews

White Background



This preview shows how the CIE LCh color 38, 66.705, 290.275 looks on a white 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

Black Background



This preview shows how the CIE LCh color 38, 66.705, 290.275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

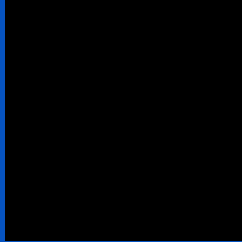
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 66.705, 290.275

Background



This preview shows how black text looks on a background with the CIELCh color 38, 66.705, 290.275.



This preview shows how white text looks on a background with the CIELCh color 38, 66.705, 290.275.

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


38, 66.693, 290.342

Protanopia

38, 59.135, 286.601

Deuteranopia

38, 41.755, 273.560



Tritanopia
38, 24.300, 205.444

Trichromacy



Original Color
38, 66.693, 290.342

Protanomaly
38, 62.025, 288.105

Deuteranomaly
38, 50.509, 281.454

Tritanomaly
37, 31.477, 258.782

Monochromacy



Original Color
38, 66.693, 290.342

Achromatopsia
31, 0.005, 296.813

Achromatomaly
32, 26.245, 275.481

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 66.705, 290.275 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(6, 83, 192)` looks like.

```
.text, #text, p{  
    color:rgb(6, 83, 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(6, 83, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 83, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 66.705, 290.275 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(6, 83, 192) }
```

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

```
.border{ border-color:rgb(6, 83, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 83, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 83, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 83, 192);  
box-shadow:4px 4px 4px 4px rgb(6, 83, 192)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 38, 66.705, 290.275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 83, 192) }
```

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

```
.background{ background-color: rgb(6, 83,  
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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