

Converting Colors

CIELCh(41, 66.369, 293.877)

Have a look what the booklet for
CIELCh(41, 66.369, 293.877)
contains.

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Color

CIELCh(41, 66.809, 294.030)

Conversions

Conversions Part 1

Format	Color
Hex	3B57C6
RGB	59, 87, 198
RGB Percent	23%, 34%, 78%
CMY	0.7677, 0.6582, 0.2228
CMYK	0.70, 0.56, 0.00, 0.22
HSL	228°, 55%, 50%
HSV	228°, 70%, 78%
XYZ	15.4531, 11.8645, 55.0141
YIQ	91.2820, -52.3190, 28.5850

Conversions

Conversions Part 2

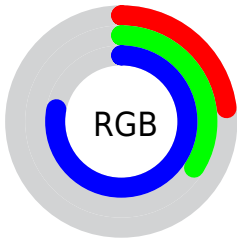
Format	Color
R _Y B	59, 82, 198
Decimal	3889094
CIE Lab	41.00, 27.21, -61.02
CIE LCh	41, 66.809, 294.030
Yxy	11.8645, 0.1877, 0.1441
Android (android.graphics.Color)	4282079174 (0xFF3B57C6)
YUV	91.2820, 52.6120, -28.3113
Hunter-Lab	34.4449, 19.8024, -70.5842

Details

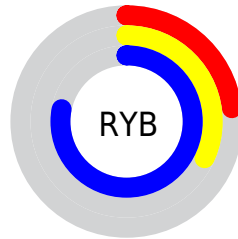
The CIELCh color **41, 66.809, 294.030** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **70, 58.344, 91.882**, and the grayscale version is **39, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 66.762, 294.188**, and **23, 65.444, 297.600** is the 20% darker color. If you saturate the color by 10%, you get **36, 77.461, 297.009**, and if you desaturate by 10%, it is **46, 56.320, 291.227**.

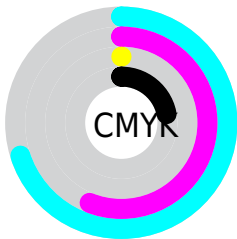
Distribution



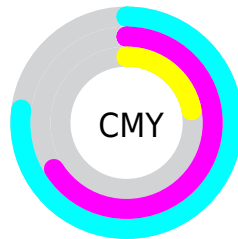
- Red (23%)
- Green (34%)
- Blue (78%)



- Red (23%)
- Yellow (32%)
- Blue (78%)



- Cyan (70%)
- Magenta (56%)
- Yellow (0%)
- Black (22%)





- Cyan (77%)
- Magenta (66%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 66.809, 294.030 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 41, 66.809, 294.030 by changing the saturation by 10% instead.


 41, 66.809,
294.030


 41, 66.809,
294.030


 100, 66.809,
294.030


 31, 66.809,
294.030

 61, 66.809,
294.030


 21, 66.809,
294.030

 71, 66.809,
294.030


 11, 66.809,
294.030


 81, 66.809,
294.030

 1, 66.809, 294.030

 91, 66.809,
294.030

 0, 66.809, 294.030

 41, 66.809,

 41, 66.809,

294.030

294.030

■ 36, 77.461,
297.009

■ 46, 56.320,
291.227

■ 32, 87.849,
299.962

■ 52, 46.152,
288.704

■ 28, 97.117,
302.536

■ 57, 36.334,
286.496

■ 63, 26.848,
284.593

■ 69, 17.663,
282.964

■ 74, 8.753, 281.577

■ 80, 0.099, 281.947

■ 85, 8.317, 99.311

■ 91, 16.507, 98.427

Harmonies

Complementary

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



41, 66.809, 294.030



70, 58.344, 91.882

Rectangle

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



41, 66.809, 294.030



41, 66.809, 344.030



41, 66.809, 114.030



41, 66.809, 164.030

Sweetspot

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



41, 66.809, 294.031



85, 22.678, 283.147



72, 44.100, 174.234



44, 15.413, 283.586



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



41, 66.809, 294.031



44, 100.208, 298.549



38, 83.172, 307.004



39, 4.922, 281.486



23, 83.057, 302.165



3, 18.527, 285.967

Inverse Universe

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



47, 58.702, 15.787



56, 83.397, 22.127



75, 69.935, 117.685



39, 4.424, 3.991



34, 66.195, 28.827



3, 16.184, 9.113

Previews

White Background



This preview shows how the CIE LCh color 41, 66.809, 294.030 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 41, 66.809, 294.030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

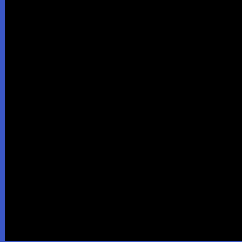
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 66.809, 294.030

Background



This preview shows how black text looks on a background with the CIELCh color 41, 66.809, 294.030.




This preview shows how white text looks on a background with the CIELCh color 41, 66.809, 294.030.

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
41, 25.563, 207.733

Trichromacy



Original Color
41, 66.809, 294.030

Protanomaly
41, 64.239, 288.667

Deuteranomaly
41, 52.236, 282.332

Tritanomaly
40, 31.638, 259.245

Monochromacy



Original Color
41, 66.809, 294.030

Achromatopsia
39, 0.005, 296.813

Achromatomaly
39, 24.646, 285.209

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 66.809, 294.030 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(59, 87, 198)` looks like.

```
.text, #text, p{  
    color:rgb(59, 87, 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(59, 87, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 87, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 66.809, 294.030 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(59, 87, 198) }
```

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

```
.border{ border-color:rgb(59, 87, 198) }
```

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

Here you see how a box with a 4 pixel rgb(59, 87, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 87, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 87, 198);  
box-shadow:4px 4px 4px 4px rgb(59, 87,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 66.809, 294.030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 87, 198) }
```

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

```
.background{ background-color: rgb(59, 87,  
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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