

Converting Colors

CIELCh(41, 66.503, 293.186)

Have a look what the booklet for
CIELCh(41, 66.503, 293.186)
contains.

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Color

CIELCh(41, 66.236, 293.135)

Conversions

Conversions Part 1

Format	Color
Hex	3758C6
RGB	55, 88, 198
RGB Percent	22%, 35%, 78%
CMY	0.7844, 0.6550, 0.2236
CMYK	0.72, 0.56, 0.00, 0.22
HSL	226°, 57%, 50%
HSV	226°, 72%, 78%
XYZ	15.2533, 11.8645, 54.9008
YIQ	90.6730, -54.9780, 27.2140

Conversions

Conversions Part 2

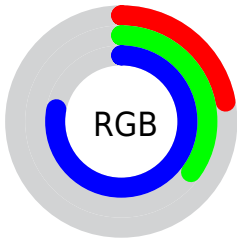
Format	Color
R_{YB}	55, 82, 198
Decimal	3627206
CIE _{Lab}	41.00, 26.02, -60.91
CIE _{LCh}	41, 66.236, 293.135
Yxy	11.8645, 0.1860, 0.1447
Android (android.graphics.Color)	4281817286 (0xFF3758C6)
YUV	90.6730, 52.9122, -31.2852
Hunter-Lab	34.4449, 18.7667, -70.3892

Details

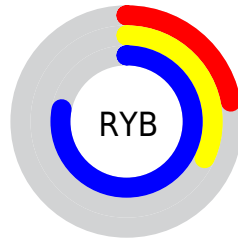
The CIELCh color **41, 66.236, 293.135** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **69, 58.583, 89.414**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 66.201, 293.262**, and **23, 64.759, 297.238** is the 20% darker color. If you saturate the color by 10%, you get **36, 76.484, 296.251**, and if you desaturate by 10%, it is **46, 56.158, 290.197**.

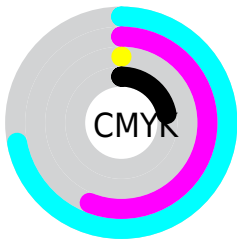
Distribution



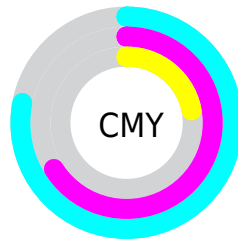
- Red (22%)
- Green (35%)
- Blue (78%)



- Red (22%)
- Yellow (32%)
- Blue (78%)



- Cyan (72%)
- Magenta (56%)
- Yellow (0%)
- Black (22%)





- Cyan (78%)
- Magenta (66%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 66.236, 293.135 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, 66.236, 293.135 by changing the saturation by 10% instead.


 41, 66.236,
293.135


 41, 66.236,
293.135


 100, 66.236,
293.135


 31, 66.236,
293.135

 61, 66.236,
293.135


 21, 66.236,
293.135

 71, 66.236,
293.135


 11, 66.236,
293.135


 81, 66.236,
293.135

 1, 66.236, 293.135

 91, 66.236,
293.135

 0, 66.236, 293.135

 41, 66.236,

 41, 66.236,

293.135

■ 36, 76.484,
296.251

■ 32, 86.528,
299.341

■ 29, 93.788,
301.494

293.135

■ 46, 56.158,
290.197

■ 51, 46.383,
287.546

■ 57, 36.931,
285.221

■ 62, 27.778,
283.214

■ 68, 18.897,
281.495

■ 73, 10.261,
280.028

■ 79, 1.853, 278.841

■ 84, 6.340, 97.630

Harmonies

Complementary

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



41, 66.236, 293.135



69, 58.583, 89.414

Rectangle

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



41, 66.236, 293.135



41, 66.236, 343.135



41, 66.236, 113.135



41, 66.236, 163.135

Sweetspot

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



41, 66.236, 293.136



85, 22.971, 281.511



72, 45.638, 172.488



43, 15.492, 281.958



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, 66.236, 293.136



44, 99.999, 298.148



36, 85.626, 306.824



39, 4.760, 279.654



24, 80.206, 301.088



3, 18.102, 284.947

Inverse Universe

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



46, 59.868, 14.177



55, 84.382, 21.192



75, 71.185, 116.926



39, 4.475, 1.752



34, 64.972, 26.476



4, 16.272, 7.624

Previews

White Background



This preview shows how the CIELCh color 41, 66.236, 293.135 looks on a white background.

Color Contrast Check

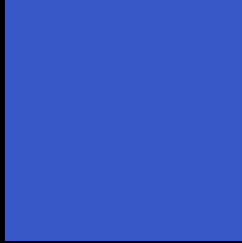
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 41, 66.236, 293.135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

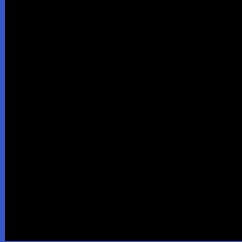
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 66.236, 293.135

Background



This preview shows how black text looks on a background with the CIELCh color 41, 66.236, 293.135.



This preview shows how white text looks on a background with the CIELCh color 41, 66.236, 293.135.

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

41, 66.236, 293.135

Protanopia

41, 63.139, 286.898

Deuteranopia

41, 44.837, 274.382



Tritanopia
41, 25.624, 206.278

Trichromacy



Original Color
41, 66.236, 293.135

Protanomaly
41, 64.259, 288.556

Deuteranomaly
41, 52.266, 282.177

Tritanomaly
40, 31.730, 258.949

Monochromacy



Original Color
41, 66.236, 293.135

Achromatopsia
39, 0.005, 296.813

Achromatomaly
39, 24.686, 284.470

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 66.236, 293.135 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(55, 88, 198)` looks like.

```
.text, #text, p{  
    color:rgb(55, 88, 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(55, 88, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 88, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 66.236, 293.135 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(55, 88, 198) }
```

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

```
.border{ border-color:rgb(55, 88, 198) }
```

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

Here you see how a box with a 4 pixel rgb(55, 88, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 88, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 88, 198);  
box-shadow:4px 4px 4px 4px rgb(55, 88,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 66.236, 293.135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 88, 198) }
```

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

```
.background{ background-color: rgb(55, 88,  
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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