

Converting Colors

CIELCh(41, 69.627, 293.999)

Have a look what the booklet for
CIELCh(41, 69.627, 293.999)
contains.

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Color

CIELCh(41, 69.725, 294.012)

Conversions

Conversions Part 1

Format	Color
Hex	3657CB
RGB	54, 87, 203
RGB Percent	21%, 34%, 80%
CMY	0.7894, 0.6595, 0.2048
CMYK	0.74, 0.57, 0.00, 0.20
HSL	227°, 59%, 50%
HSV	227°, 74%, 80%
XYZ	15.6523, 11.8645, 57.8294
YIQ	90.3570, -56.9040, 29.0800

Conversions

Conversions Part 2

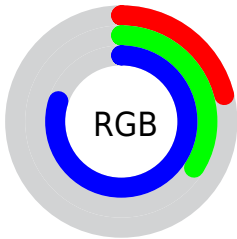
Format	Color
R_{YB}	54, 81, 203
Decimal	3561419
CIE _{Lab}	41.00, 28.37, -63.69
CIE _{LCh}	41, 69.725, 294.012
Yxy	11.8645, 0.1834, 0.1390
Android (android.graphics.Color)	4281751499 (0xFF3657CB)
YUV	90.3570, 55.5330, -31.8851
Hunter-Lab	34.4449, 20.8345, -75.4302

Details

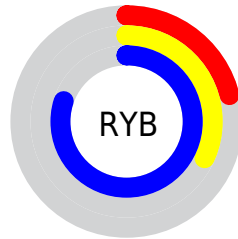
The CIELCh color **41, 69.725, 294.012** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **71, 60.883, 89.870**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 66.803, 293.593**, and **23, 68.334, 298.217** is the 20% darker color. If you saturate the color by 10%, you get **36, 80.290, 297.107**, and if you desaturate by 10%, it is **46, 59.276, 291.062**.

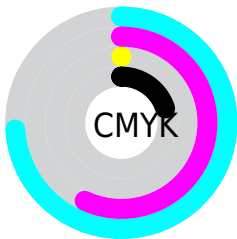
Distribution



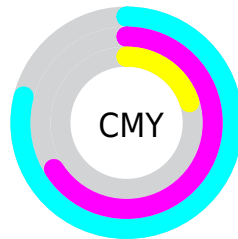
- Red (21%)
- Green (34%)
- Blue (80%)



- Red (21%)
- Yellow (32%)
- Blue (80%)



- Cyan (74%)
- Magenta (57%)
- Yellow (0%)
- Black (20%)





- Cyan (79%)
- Magenta (66%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 69.725, 294.012 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, 69.725, 294.012 by changing the saturation by 10% instead.


 41, 69.725,
294.012


 41, 69.725,
294.012


 100, 69.725,
294.012


 31, 69.725,
294.012

 61, 69.725,
294.012


 21, 69.725,
294.012

 71, 69.725,
294.012

 11, 69.725,
294.012


 81, 69.725,
294.012

 1, 69.725, 294.012

 91, 69.725,
294.012

 0, 69.725, 294.012

 41, 69.725,

 41, 69.725,

294.012

■ 36, 80.290,
297.107

■ 32, 90.506,
300.124

■ 30, 96.604,
301.854

294.012

■ 46, 59.276,
291.062

■ 52, 49.128,
288.383

■ 57, 39.318,
286.024

■ 63, 29.828,
283.985

■ 68, 20.630,
282.238

■ 74, 11.697,
280.746

■ 80, 3.009, 279.505

■ 85, 5.452, 98.312

Harmonies

Complementary

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



41, 69.725, 294.012



71, 60.883, 89.870

Rectangle

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



41, 69.725, 294.012



41, 69.725, 344.012



41, 69.725, 114.012



41, 69.725, 164.012

Sweetspot

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



41, 69.725, 294.013



85, 23.207, 282.043



74, 47.023, 172.267



43, 15.653, 282.487



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, 69.725, 294.013



43, 102.402, 298.843



36, 88.779, 306.945



40, 4.908, 280.201



24, 82.076, 301.449



3, 19.957, 286.243

Inverse Universe

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



47, 62.050, 15.394



55, 85.359, 22.422



76, 73.474, 116.924



40, 4.554, 2.398



34, 66.105, 27.248



4, 18.278, 8.605

Previews

White Background



This preview shows how the CIE LCh color 41, 69.725, 294.012 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, 69.725, 294.012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

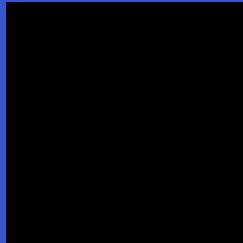
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 69.725, 294.012

Background



This preview shows how black text looks on a background with the CIELCh color 41, 69.725, 294.012.




This preview shows how white text looks on a background with the CIELCh color 41, 69.725, 294.012.

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, 25.624, 206.278

Trichromacy



Original Color
41, 69.725, 294.012

Protanomaly
41, 65.382, 288.959

Deuteranomaly
41, 53.375, 282.802

Tritanomaly
40, 32.170, 259.806

Monochromacy



Original Color
41, 69.725, 294.012

Achromatopsia
38, 0.005, 296.813

Achromatomaly
38, 25.924, 285.227

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 69.725, 294.012 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(54, 87, 203)` looks like.

```
.text, #text, p{  
    color:rgb(54, 87, 203)  
}
```

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(54, 87, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 87, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 69.725, 294.012 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(54, 87, 203) }
```

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

```
.border{ border-color:rgb(54, 87, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 87, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 87, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 87, 203);  
box-shadow:4px 4px 4px 4px rgb(54, 87,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 69.725, 294.012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 87, 203) }
```

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

```
.background{ background-color: rgb(54, 87,  
203) }
```

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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