

Converting Colors

CIELCh(41, 69.763, 293.034)

Have a look what the booklet for
CIELCh(41, 69.763, 293.034)
contains.

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Color

CIELCh(41, 69.779, 292.934)

Conversions

Conversions Part 1

Format	Color
Hex	2E58CC
RGB	46, 88, 204
RGB Percent	18%, 35%, 80%
CMY	0.8211, 0.6557, 0.2010
CMYK	0.78, 0.57, 0.00, 0.20
HSL	224°, 63%, 49%
HSV	224°, 78%, 80%
XYZ	15.4506, 11.8645, 58.4445
YIQ	88.6660, -62.2680, 27.1720

Conversions

Conversions Part 2

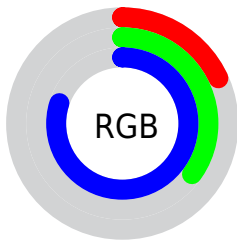
Format	Color
R_{YB}	46, 79, 204
Decimal	3037388
CIE Lab	41.00, 27.19, -64.26
CIE LCh	41, 69.779, 292.934
Yxy	11.8645, 0.1802, 0.1383
Android (android.graphics.Color)	4281227468 (0xFF2E58CC)
YUV	88.6660, 56.8597, -37.4181
Hunter-Lab	34.4449, 19.7893, -76.4890

Details

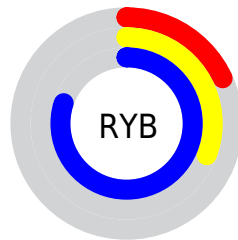
The CIELCh color **41, 69.779, 292.934** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **69, 62.126, 85.806**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 66.265, 292.481**, and **24, 68.235, 298.001** is the 20% darker color. If you saturate the color by 10%, you get **37, 79.770, 296.245**, and if you desaturate by 10%, it is **46, 59.903, 289.751**.

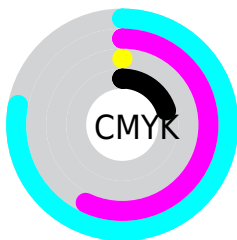
Distribution



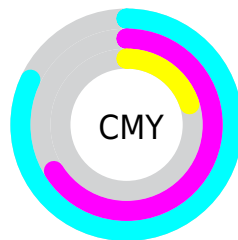
- Red (18%)
- Green (35%)
- Blue (80%)



- Red (18%)
- Yellow (31%)
- Blue (80%)



- Cyan (78%)
- Magenta (57%)
- Yellow (0%)
- Black (20%)





- Cyan (82%)
- Magenta (66%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 69.779, 292.934 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, 69.779, 292.934 by changing the saturation by 10% instead.


 41, 69.779,
292.934


 41, 69.779,
292.934


 100, 69.779,
292.934


 31, 69.779,
292.934

 61, 69.779,
292.934


 21, 69.779,
292.934

 71, 69.779,
292.934


 11, 69.779,
292.934


 81, 69.779,
292.934

 1, 69.779, 292.934

 91, 69.779,
292.934

 0, 69.779, 292.934

 41, 69.779,

 41, 69.779,

292.934

292.934

■ 37, 79.770,
296.245

■ 46, 59.903,
289.751

■ 33, 89.483,
299.433

■ 51, 50.298,
286.836

■ 32, 91.710,
300.112

■ 56, 40.992,
284.257

■ 62, 31.961,
282.019

■ 67, 23.175,
280.098

■ 72, 14.609,
278.456

■ 78, 6.246, 277.064

■ 83, 1.927, 95.715

Harmonies

Complementary

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



41, 69.779, 292.934



69, 62.126, 85.806

Rectangle

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



41, 69.779, 292.934



41, 69.779, 342.934



41, 69.779, 112.934



41, 69.779, 162.934

Sweetspot

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



41, 69.779, 292.935



85, 23.043, 279.358



74, 51.375, 167.504



43, 16.018, 279.983



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, 69.779, 292.935



43, 102.143, 298.392



34, 94.096, 306.358



40, 4.668, 277.294



25, 77.532, 299.643



3, 19.274, 284.726

Inverse Universe

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



46, 64.482, 13.392



54, 86.476, 21.360



77, 75.712, 114.603



40, 4.640, 359.140



35, 64.414, 23.544



4, 18.423, 6.512

Previews

White Background



This preview shows how the CIE LCh color 41, 69.779, 292.934 looks on a white background.

Color Contrast Check

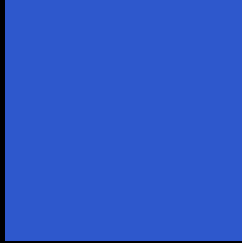
Large Text (above 18pt) WCAG AA ✓ Pass

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, 69.779, 292.934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

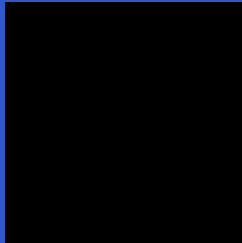
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 69.779, 292.934

Background



This preview shows how black text looks on a background with the CIELCh color 41, 69.779, 292.934.



This preview shows how white text looks on a background with the CIELCh color 41, 69.779, 292.934.

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, 69.779, 292.934

Protanopia

41, 63.139, 286.898

Deuteranopia

41, 44.315, 273.905



Tritanopia
41, 25.624, 206.278

Trichromacy



Original Color
41, 69.779, 292.934

Protanomaly
41, 65.409, 288.812

Deuteranomaly
41, 53.414, 282.598

Tritanomaly
40, 32.733, 260.253

Monochromacy



Original Color
41, 69.779, 292.934

Achromatopsia
37, 0.005, 296.813

Achromatomaly
38, 26.099, 283.255

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 69.779, 292.934 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(46, 88, 204)` looks like.

```
.text, #text, p{  
    color:rgb(46, 88, 204)  
}
```

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(46, 88, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 88, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 69.779, 292.934 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(46, 88, 204) }
```

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

```
.border{ border-color:rgb(46, 88, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 88, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 88, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 88, 204);  
box-shadow:4px 4px 4px 4px rgb(46, 88,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 69.779, 292.934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 88, 204) }
```

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

```
.background{ background-color: rgb(46, 88,  
204) }
```

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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