

Converting Colors

CIELCh(41, 68.113, 291.349)

Have a look what the booklet for
CIELCh(41, 68.113, 291.349)
contains.

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Color

CIELCh(41, 68.147, 291.447)

Conversions

Conversions Part 1

Format	Color
Hex	2659CA
RGB	38, 89, 202
RGB Percent	15%, 35%, 79%
CMY	0.8528, 0.6501, 0.2067
CMYK	0.81, 0.56, 0.00, 0.21
HSL	221°, 69%, 47%
HSV	221°, 81%, 79%
XYZ	15.0676, 11.8645, 57.5484
YIQ	86.6330, -66.6690, 24.3310

Conversions

Conversions Part 2

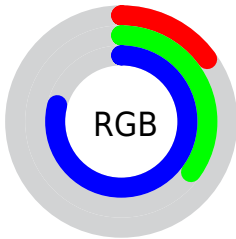
Format	Color
R_{YB}	38, 77, 202
Decimal	2513354
CIE _{Lab}	41.00, 24.92, -63.43
CIE _{LCh}	41, 68.147, 291.447
Yxy	11.8645, 0.1784, 0.1404
Android (android.graphics.Color)	4280703434 (0xFF2659CA)
YUV	86.6330, 56.8759, -42.6511
Hunter-Lab	34.4449, 17.8047, -74.9465




Details

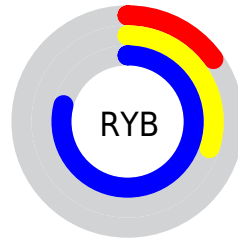
The CIELCh color **41, 68.147, 291.447** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **66, 62.702, 81.239**, and the grayscale version is **37, 0.005, 296.813**.


A 20% lighter version of the original color is **61, 65.758, 291.187**, and **24, 66.402, 297.408** is the 20% darker color. If you saturate the color by 10%, you get **37, 77.405, 294.993**, and if you desaturate by 10%, it is **45, 59.022, 288.016**.

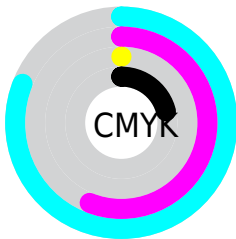
Distribution







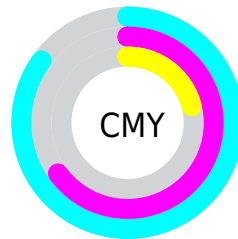
-  Red (15%)
-  Green (35%)
-  Blue (79%)






-  Red (15%)
-  Yellow (30%)
-  Blue (79%)



-  Cyan (81%)
-  Magenta (56%)
-  Yellow (0%)
-  Black (21%)



-  Cyan (85%)
-  Magenta (65%)
-  Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 68.147, 291.447 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, 68.147, 291.447 by changing the saturation by 10% instead.

 41, 68.147,
291.447


 41, 68.147,
291.447


 100, 68.147,
291.447

 31, 68.147,
291.447

 61, 68.147,
291.447


 21, 68.147,
291.447

 71, 68.147,
291.447


 11, 68.147,
291.447


 81, 68.147,
291.447

 1, 68.147, 291.447

 91, 68.147,
291.447

 0, 68.147, 291.447

 41, 68.147,

 41, 68.147,

291.447

■ 37, 77.405,
294.993

■ 34, 85.227,
297.869

291.447

■ 45, 59.022,
288.016

■ 50, 50.140,
284.856

■ 55, 41.508,
282.045

■ 60, 33.095,
279.600

■ 65, 24.869,
277.499

■ 70, 16.806,
275.703

■ 76, 8.893, 274.174

■ 81, 1.122, 273.030

Harmonies

Complementary

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



41, 68.147, 291.447



66, 62.702, 81.239

Rectangle

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



41, 68.147, 291.447



41, 68.147, 341.447



41, 68.147, 111.447



41, 68.147, 161.447

Sweetspot

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



41, 68.147, 291.448



85, 22.755, 276.191



73, 54.513, 164.276



43, 15.684, 276.836



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, 68.147, 291.448



44, 100.739, 297.700



31, 97.888, 306.178



40, 4.430, 273.893



27, 72.421, 297.362



4, 18.522, 282.888

Inverse Universe

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



45, 65.846, 11.019



54, 86.843, 19.983



77, 77.011, 113.002



40, 4.747, 355.835



35, 62.962, 19.344



4, 18.611, 4.202

Previews

White Background



This preview shows how the CIE LCh color 41, 68.147, 291.447 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, 68.147, 291.447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

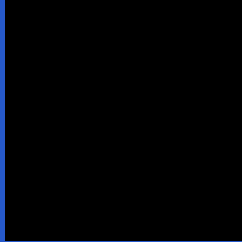
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 68.147, 291.447

Background



This preview shows how black text looks on a background with the CIELCh color 41, 68.147, 291.447.



This preview shows how white text looks on a background with the CIELCh color 41, 68.147, 291.447.

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, 68.133, 291.532

Protanopia

41, 63.139, 286.898

Deuteranopia

41, 44.837, 274.382



Tritanopia
41, 25.624, 206.278

Trichromacy



Original Color
41, 68.133, 291.532

Protanomaly
41, 64.797, 288.259

Deuteranomaly
41, 53.448, 282.420

Tritanomaly
40, 32.032, 257.828

Monochromacy



Original Color
41, 68.133, 291.532

Achromatopsia
37, 0.005, 296.813

Achromatomaly
38, 25.719, 280.190

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 68.147, 291.447 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(38, 89, 202)` looks like.

```
.text, #text, p{  
    color:rgb(38, 89, 202)  
}
```

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(38, 89, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 89, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 68.147, 291.447 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(38, 89, 202) }
```

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

```
.border{ border-color:rgb(38, 89, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 89, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 89, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 89, 202);  
box-shadow:4px 4px 4px 4px rgb(38, 89,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 68.147, 291.447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 89, 202) }
```

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

```
.background{ background-color: rgb(38, 89,  
202) }
```

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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