

Converting Colors

CIELCh(41, 68.570, 289.379)

Have a look what the booklet for
CIELCh(41, 68.570, 289.379)
contains.

CIELCh(41, 68.304, 289.281)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(41, 68.304, 289.281)

Conversions

Conversions Part 1

Format	Color
Hex	025BCC
RGB	2, 91, 204
RGB Percent	1%, 36%, 80%
CMY	0.9911, 0.6430, 0.1998
CMYK	0.99, 0.55, 0.00, 0.20
HSL	214°, 98%, 40%
HSV	214°, 99%, 80%
XYZ	14.6763, 11.8645, 58.6709
YIQ	77.2710, -89.3170, 16.2750

Conversions

Conversions Part 2

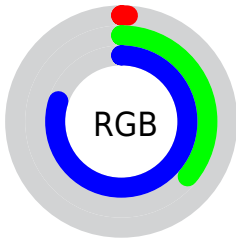
Format	Color
RYB	2, 64, 204
Decimal	154572
CIELab	41.00, 22.55, -64.47
CIELCh	41, 68.304, 289.281
Yxy	11.8645, 0.1722, 0.1392
Android (android.graphics.Color)	4278344652 (0xFF025BCC)
YUV	77.2710, 62.4774, -66.0127
Hunter-Lab	34.4449, 15.7768, -76.8787

Details

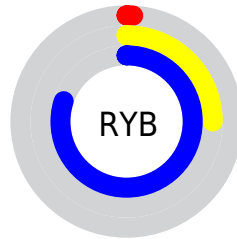
The CIELCh color **41, 68.304, 289.281** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **57, 70.198, 65.778**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 64.817, 288.475**, and **24, 66.196, 296.959** is the 20% darker color. If you saturate the color by 10%, you get **41, 69.128, 289.715**, and if you desaturate by 10%, it is **44, 61.013, 285.103**.

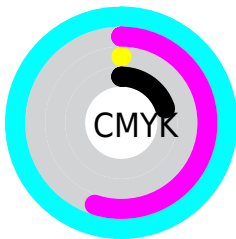
Distribution



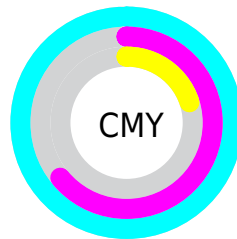
- Red (1%)
- Green (36%)
- Blue (80%)



- Red (1%)
- Yellow (25%)
- Blue (80%)



- Cyan (99%)
- Magenta (55%)
- Yellow (0%)
- Black (20%)




- Cyan (99%)
- Magenta (64%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 68.304, 289.281 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, 68.304, 289.281 by changing the saturation by 10% instead.


 41, 68.304,
289.281


 41, 68.304,
289.281


 100, 68.304,
289.281


 31, 68.304,
289.281

 61, 68.304,
289.281


 21, 68.304,
289.281

 71, 68.304,
289.281

 11, 68.304,
289.281


 81, 68.304,
289.281

 1, 68.304, 289.281

 91, 68.304,
289.281

 0, 68.304, 289.281

 41, 68.304,

 41, 68.304,

289.281

■ 41, 69.128,
289.715

289.281

■ 44, 61.013,
285.103

■ 48, 53.926,
280.987

■ 52, 47.001,
277.181

■ 56, 40.174,
273.790

■ 60, 33.382,
270.843

■ 65, 26.585,
268.322

■ 69, 19.769,
266.183

■ 74, 12.934,
264.375

Harmonies

Complementary

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



41, 68.304, 289.281



57, 70.198, 65.778

Rectangle

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



41, 68.304, 289.281



41, 68.304, 339.281



41, 68.304, 109.281



41, 68.304, 159.281

Sweetspot

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



41, 68.304, 289.283



84, 24.595, 266.481



73, 71.147, 151.874



42, 16.773, 267.374



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, 68.304, 289.283



51, 82.904, 290.290



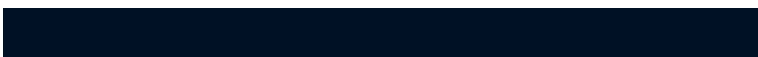
25, 112.346, 306.331



41, 3.884, 262.929



33, 58.315, 289.052



5, 16.278, 275.943

Inverse Universe

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



44, 71.185, 7.645



54, 84.499, 8.864



79, 81.867, 105.949



40, 5.108, 347.793



35, 61.157, 7.348



4, 19.382, 357.198

Previews

White Background



This preview shows how the CIE LCh color 41, 68.304, 289.281 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, 68.304, 289.281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

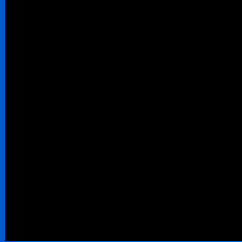
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 68.304, 289.281

Background



This preview shows how black text looks on a background with the CIELCh color 41, 68.304, 289.281.



This preview shows how white text looks on a background with the CIELCh color 41, 68.304, 289.281.

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, 68.304, 289.281

Protanopia

41, 63.139, 286.898

Deuteranopia

41, 44.837, 274.382



Tritanopia
41, 25.624, 206.278

Trichromacy



Original Color
41, 68.304, 289.281

Protanomaly
41, 65.439, 288.032

Deuteranomaly
41, 52.972, 281.227

Tritanomaly
40, 32.836, 257.560

Monochromacy



Original Color
41, 68.304, 289.281

Achromatopsia
33, 0.005, 296.813

Achromatomaly
34, 26.846, 273.332

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 68.304, 289.281 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(2, 91, 204)` looks like.

```
.text, #text, p{  
    color:rgb(2, 91, 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(2, 91, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 91, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 68.304, 289.281 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(2, 91, 204) }
```

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

```
.border{ border-color:rgb(2, 91, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 91, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 91, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 91, 204);  
box-shadow:4px 4px 4px 4px rgb(2, 91, 204)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 68.304, 289.281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 91, 204) }
```

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

```
.background{ background-color: rgb(2, 91,  
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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