

Converting Colors

CIELCh(41, 60.007, 285.566)

Have a look what the booklet for
CIELCh(41, 60.007, 285.566)
contains.

CIELCh(41, 60.241, 285.684)	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>	26

Color

CIELCh(41, 60.241, 285.684)

Conversions

Conversions Part 1

Format	Color
Hex	055EC1
RGB	5, 94, 193
RGB Percent	2%, 37%, 76%
CMY	0.9786, 0.6318, 0.2437
CMYK	0.97, 0.51, 0.00, 0.24
HSL	212°, 94%, 39%
HSV	212°, 97%, 76%
XYZ	13.6712, 11.8645, 51.9433
YIQ	78.6750, -84.8230, 11.9210

Conversions

Conversions Part 2

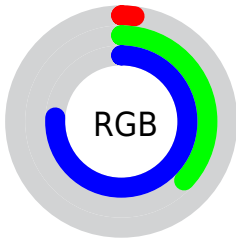
Format	Color
RYB	5, 65, 193
Decimal	351937
CIELab	41.00, 16.29, -58.00
CIElCh	41, 60.241, 285.684
Yxy	11.8645, 0.1765, 0.1531
Android (android.graphics.Color)	4278542017 (0xFF055EC1)
YUV	78.6750, 56.3622, -64.6130
Hunter-Lab	34.4449, 10.5680, -65.2985

Details

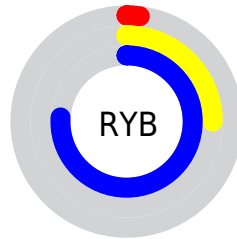
The CIELCh color **41, 60.241, 285.684** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed blue. A complement of this color would be **53, 67.130, 63.542**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 59.917, 285.464**, and **24, 58.319, 294.410** is the 20% darker color. If you saturate the color by 10%, you get **40, 62.085, 286.853**, and if you desaturate by 10%, it is **44, 53.902, 281.323**.

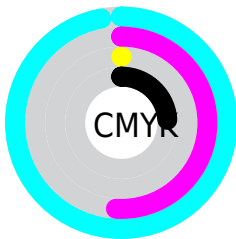
Distribution



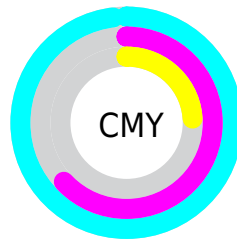
- Red (2%)
- Green (37%)
- Blue (76%)



- Red (2%)
- Yellow (25%)
- Blue (76%)



- Cyan (97%)
- Magenta (51%)
- Yellow (0%)
- Black (24%)




- Cyan (98%)
- Magenta (63%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 60.241, 285.684 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, 60.241, 285.684 by changing the saturation by 10% instead.


 41, 60.241,
285.684


 41, 60.241,
285.684


 100, 60.241,
285.684


 31, 60.241,
285.684

 61, 60.241,
285.684


 21, 60.241,
285.684

 71, 60.241,
285.684


 11, 60.241,
285.684


 81, 60.241,
285.684

 1, 60.241, 285.684

 91, 60.241,
285.684

 0, 60.241, 285.684

 41, 60.241,

 41, 60.241,

285.684

285.684

■ 40, 62.085,
286.853

■ 44, 53.902,
281.323

■ 48, 47.736,
277.145

■ 51, 41.667,
273.342

■ 55, 35.618,
269.993

■ 59, 29.533,
267.108

■ 63, 23.384,
264.657

■ 67, 17.164,
262.586

■ 71, 10.883,
260.845

Harmonies

Complementary

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



41, 60.241, 285.684



53, 67.130, 63.542

Rectangle

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



41, 60.241, 285.684



41, 60.241, 335.684



41, 60.241, 105.684



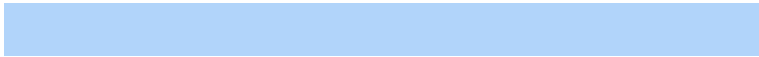
41, 60.241, 155.684

Sweetspot

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



41, 60.241, 285.686



84, 22.591, 263.029



69, 69.842, 150.534



42, 15.471, 263.910



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41, 60.241, 285.686



52, 76.667, 287.583



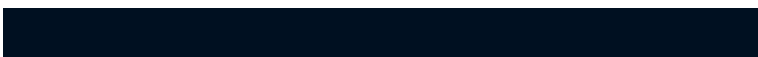
24, 106.980, 306.093



39, 3.616, 259.692



33, 53.472, 286.213



4, 13.210, 271.645

Inverse Universe

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



42, 68.027, 3.658



54, 83.154, 5.652



75, 78.005, 103.915



38, 4.997, 345.945



34, 59.825, 4.163



3, 15.596, 354.012

Previews

White Background



This preview shows how the CIE LCh color 41, 60.241, 285.684 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, 60.241, 285.684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

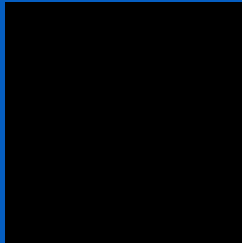
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 60.241, 285.684

Background



This preview shows how black text looks on a background with the CIELCh color 41, 60.241, 285.684.

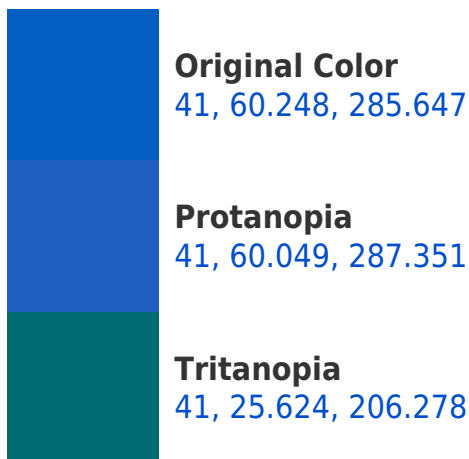


This preview shows how white text looks on a background with the CIELCh color 41, 60.241, 285.684.

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



Trichromacy



Original Color
41, 60.248, 285.647

Protanomaly
41, 60.167, 286.671

Tritanomaly
40, 30.866, 252.648

Monochromacy



Original Color
41, 60.248, 285.647

Achromatopsia
34, 0.005, 296.813

Achromatomaly
35, 24.032, 269.287

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 60.241, 285.684 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(5, 94, 193)` looks like.

```
.text, #text, p{  
    color:rgb(5, 94, 193)  
}
```

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(5, 94, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 94, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 60.241, 285.684 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(5, 94, 193) }
```

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

```
.border{ border-color:rgb(5, 94, 193) }
```

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

Here you see how a box with a 4 pixel rgb(5, 94, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 94, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 94, 193);  
box-shadow:4px 4px 4px 4px rgb(5, 94, 193)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 60.241, 285.684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 94, 193) }
```

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

```
.background{ background-color: rgb(5, 94,  
193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor