

Converting Colors

CIELCh(41, 54.410, 282.236)

Have a look what the booklet for
CIELCh(41, 54.410, 282.236)
contains.

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Color

CIELCh(41, 54.595, 282.325)

Conversions

Conversions Part 1

Format	Color
Hex	0460B9
RGB	4, 96, 185
RGB Percent	2%, 38%, 73%
CMY	0.9862, 0.6240, 0.2750
CMYK	0.98, 0.48, 0.00, 0.28
HSL	209°, 96%, 37%
HSV	209°, 98%, 72%
XYZ	12.9589, 11.8645, 47.4325
YIQ	78.6380, -83.4010, 8.1750

Conversions

Conversions Part 2

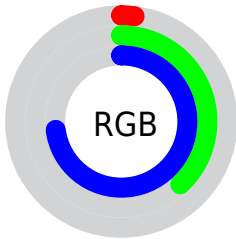
Format	Color
R_{YB}	4, 65, 185
Decimal	286905
CIE _{Lab}	41.00, 11.65, -53.34
CIE _{LCh}	41, 54.595, 282.325
Yxy	11.8645, 0.1793, 0.1642
Android (android.graphics.Color)	4278476985 (0xFF0460B9)
YUV	78.6380, 52.4365, -65.4575
Hunter-Lab	34.4449, 6.8766, -57.5340

Details

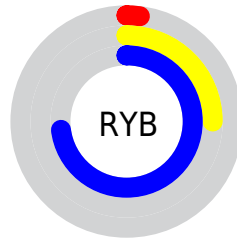
The CIELCh color **41, 54.595, 282.325** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **50, 66.262, 60.242**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 54.661, 282.263**, and **24, 52.688, 291.956** is the 20% darker color. If you saturate the color by 10%, you get **40, 55.664, 283.136**, and if you desaturate by 10%, it is **44, 49.134, 277.803**.

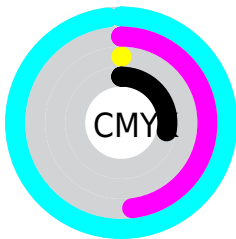
Distribution



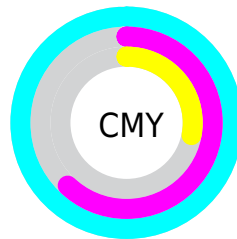
- Red (2%)
- Green (38%)
- Blue (73%)



- Red (2%)
- Yellow (25%)
- Blue (73%)



- Cyan (98%)
- Magenta (48%)
- Yellow (0%)
- Black (28%)





- Cyan (99%)
- Magenta (62%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 54.595, 282.325 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, 54.595, 282.325 by changing the saturation by 10% instead.


 41, 54.595,
282.325


 41, 54.595,
282.325


 100, 54.595,
282.325


 31, 54.595,
282.325

 61, 54.595,
282.325


 21, 54.595,
282.325

 71, 54.595,
282.325

 11, 54.595,
282.325


 81, 54.595,
282.325

 1, 54.595, 282.325

 91, 54.595,
282.325

 0, 54.595, 282.325

 41, 54.595,

 41, 54.595,

282.325

■ 40, 55.664,
283.136

282.325

■ 44, 49.134,
277.803

■ 47, 43.815,
273.477

■ 50, 38.533,
269.566

■ 54, 33.202,
266.144

■ 57, 27.768,
263.215

■ 61, 22.205,
260.739

■ 64, 16.515,
258.662

■ 68, 10.714,
256.924

Harmonies

Complementary

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



41, 54.595, 282.325



50, 66.262, 60.242

Rectangle

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



41, 54.595, 282.325



41, 54.595, 332.325



41, 54.595, 102.325



41, 54.595, 152.325

Sweetspot

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



41, 54.595, 282.327



81, 21.025, 258.926



66, 70.316, 148.721



41, 14.368, 259.781



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



41, 54.595, 282.327



52, 68.737, 283.942



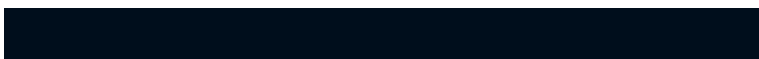
23, 103.391, 305.921



37, 3.353, 255.651



34, 48.364, 282.475



4, 10.124, 266.588

Inverse Universe

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



40, 66.421, 0.399



52, 80.887, 1.876



72, 74.793, 101.850



36, 4.899, 343.869



33, 58.755, 0.508



3, 12.273, 350.252

Previews

White Background



This preview shows how the CIE LCh color 41, 54.595, 282.325 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, 54.595, 282.325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

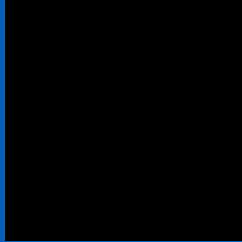
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 54.595, 282.325

Background



This preview shows how black text looks on a background with the CIELCh color 41, 54.595, 282.325.




This preview shows how white text looks on a background with the CIELCh color 41, 54.595, 282.325.

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, 54.595, 282.325

Protanomaly
41, 54.349, 284.716

Deuteranomaly
41, 49.093, 278.162

Tritanomaly
41, 29.535, 248.073

Monochromacy



Original Color
41, 54.595, 282.325

Achromatopsia
33, 0.005, 296.813

Achromatomaly
35, 22.102, 264.277

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 54.595, 282.325 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(4, 96, 185)` looks like.

```
.text, #text, p{  
    color:rgb(4, 96, 185)  
}
```

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(4, 96, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 96, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 54.595, 282.325 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(4, 96, 185) }
```

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

```
.border{ border-color:rgb(4, 96, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 96, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 96, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 96, 185);  
box-shadow:4px 4px 4px 4px rgb(4, 96, 185)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 54.595, 282.325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 96, 185) }
```

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

```
.background{ background-color: rgb(4, 96,  
185) }
```

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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