

Converting Colors

CIELCh(41, 56.337, 283.312)

Have a look what the booklet for
CIELCh(41, 56.337, 283.312)
contains.

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Color

CIELCh(41, 56.321, 283.395)

Conversions

Conversions Part 1

Format	Color
Hex	045FBB
RGB	4, 95, 187
RGB Percent	2%, 37%, 73%
CMY	0.9862, 0.6263, 0.2653
CMYK	0.98, 0.49, 0.00, 0.27
HSL	210°, 96%, 37%
HSV	210°, 98%, 73%
XYZ	13.1706, 11.8645, 48.8085
YIQ	78.2790, -83.7680, 9.3200

Conversions

Conversions Part 2

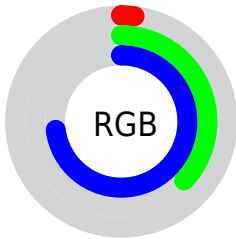
Format	Color
R_{YB}	4, 65, 187
Decimal	286651
CIE _{Lab}	41.00, 13.05, -54.79
CIE _{LCh}	41, 56.321, 283.395
Yxy	11.8645, 0.1784, 0.1607
Android (android.graphics.Color)	4278476731 (0xFF045FBB)
YUV	78.2790, 53.5995, -65.1427
Hunter-Lab	34.4449, 7.9737, -59.9025

Details

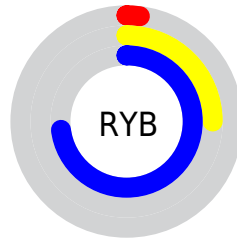
The CIELCh color **41, 56.321, 283.395** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **51, 66.698, 61.034**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 56.232, 283.412**, and **24, 54.606, 292.929** is the 20% darker color. If you saturate the color by 10%, you get **40, 57.422, 284.187**, and if you desaturate by 10%, it is **44, 50.613, 278.917**.

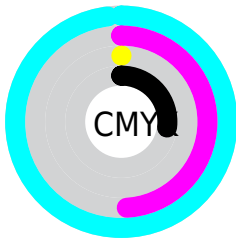
Distribution



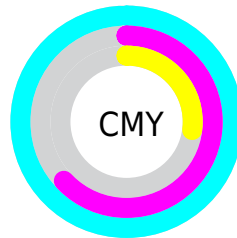
- Red (2%)
- Green (37%)
- Blue (73%)



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



- Cyan (98%)
- Magenta (49%)
- Yellow (0%)
- Black (27%)





- Cyan (99%)
- Magenta (63%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 56.321, 283.395 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, 56.321, 283.395 by changing the saturation by 10% instead.


 41, 56.321,
283.395


 41, 56.321,
283.395


 100, 56.321,
283.395


 31, 56.321,
283.395

 61, 56.321,
283.395


 21, 56.321,
283.395

 71, 56.321,
283.395

 11, 56.321,
283.395


 81, 56.321,
283.395

 1, 56.321, 283.395

 91, 56.321,
283.395

 0, 56.321, 283.395

 41, 56.321,

 41, 56.321,

283.395

■ 40, 57.422,
284.187

283.395

■ 44, 50.613,
278.917

■ 47, 45.060,
274.619

■ 50, 39.563,
270.721

■ 54, 34.038,
267.302

■ 58, 28.428,
264.368

■ 61, 22.707,
261.884

■ 65, 16.873,
259.796

■ 69, 10.941,
258.046

Harmonies

Complementary

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



41, 56.321, 283.395



51, 66.698, 61.034

Rectangle

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



41, 56.321, 283.395



41, 56.321, 333.395



41, 56.321, 103.395



41, 56.321, 153.395

Sweetspot

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



41, 56.321, 283.397



83, 21.598, 260.058



67, 69.873, 149.517



42, 14.769, 260.926



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



41, 56.321, 283.397



52, 71.365, 284.992



23, 105.195, 306.121



38, 3.456, 256.761



34, 50.001, 283.555



4, 11.561, 268.492

Inverse Universe

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



40, 66.956, 1.384



53, 82.056, 2.906



74, 76.490, 102.886



37, 4.978, 344.417



34, 59.340, 1.507



3, 13.943, 351.649

Previews

White Background



This preview shows how the CIE LCh color 41, 56.321, 283.395 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, 56.321, 283.395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

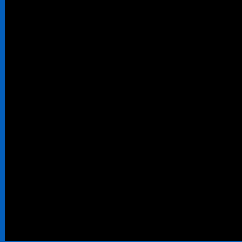
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 56.321, 283.395

Background



This preview shows how black text looks on a background with the CIELCh color 41, 56.321, 283.395.




This preview shows how white text looks on a background with the CIELCh color 41, 56.321, 283.395.

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, 56.305, 283.477

Protanomaly
41, 56.084, 285.223

Deuteranomaly
41, 49.632, 278.549

Tritanomaly
41, 29.883, 249.143

Monochromacy



Original Color
41, 56.305, 283.477

Achromatopsia
33, 0.005, 296.813

Achromatomaly
35, 23.061, 266.945

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 56.321, 283.395 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, 95, 187)` looks like.

```
.text, #text, p{  
    color:rgb(4, 95, 187)  
}
```

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, 95, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 95, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 56.321, 283.395 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, 95, 187) }
```

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

```
.border{ border-color:rgb(4, 95, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 95, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 95, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 95, 187);  
box-shadow:4px 4px 4px 4px rgb(4, 95, 187)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 56.321, 283.395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 95, 187) }
```

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

```
.background{ background-color: rgb(4, 95,  
187) }
```

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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