

Converting Colors

CIELCh(41, 56.417, 291.025)

Have a look what the booklet for
CIELCh(41, 56.417, 291.025)
contains.

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Color

CIELCh(41, 56.176, 290.886)

Conversions

Conversions Part 1

Format	Color
Hex	3D5BB8
RGB	61, 91, 184
RGB Percent	24%, 36%, 72%
CMY	0.7589, 0.6447, 0.2802
CMYK	0.67, 0.51, 0.00, 0.28
HSL	226°, 50%, 48%
HSV	226°, 67%, 72%
XYZ	14.2655, 11.8645, 46.6374
YIQ	92.6320, -47.7330, 22.5630

Conversions

Conversions Part 2

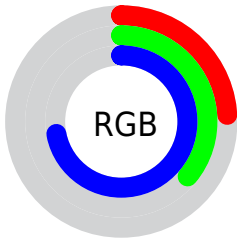
Format	Color
R _Y B	61, 85, 184
Decimal	4021176
CIE Lab	41.00, 20.03, -52.48
CIE LCh	41, 56.176, 290.886
Yxy	11.8645, 0.1960, 0.1630
Android (android.graphics.Color)	4282211256 (0xFF3D5BB8)
YUV	92.6320, 45.0444, -27.7413
Hunter-Lab	34.4449, 13.6477, -56.1653




Details

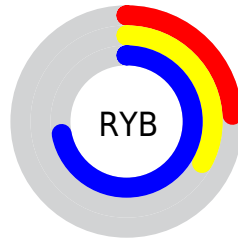
The CIELCh color **41, 56.176, 290.886** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **65, 51.142, 89.656**, and the grayscale version is **39, 0.006, 296.813**.




A 20% lighter version of the original color is **61, 56.184, 290.549**, and **22, 55.626, 294.260** is the 20% darker color. If you saturate the color by 10%, you get **36, 65.625, 293.924**, and if you desaturate by 10%, it is **46, 46.982, 288.109**.

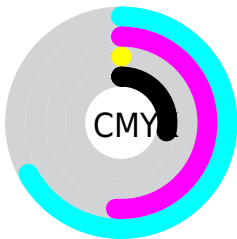
Distribution







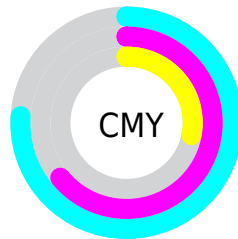
-  Red (24%)
-  Green (36%)
-  Blue (72%)






-  Red (24%)
-  Yellow (33%)
-  Blue (72%)



-  Cyan (67%)
-  Magenta (51%)
-  Yellow (0%)
-  Black (28%)



-  Cyan (76%)
-  Magenta (64%)
-  Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 56.176, 290.886 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, 56.176, 290.886 by changing the saturation by 10% instead.

■ 41, 56.176,
290.886

■ 41, 56.176,
290.886

■ 100, 56.176,
290.886

■ 31, 56.176,
290.886

■ 61, 56.176,
290.886

■ 21, 56.176,
290.886

■ 71, 56.176,
290.886

■ 11, 56.176,
290.886

■ 81, 56.176,
290.886

■ 1, 56.176, 290.886

■ 91, 56.176,
290.886

■ 0, 56.176, 290.886

■ 41, 56.176,

■ 41, 56.176,

290.886

■ 36, 65.625,
293.924

■ 32, 75.153,
297.078

■ 29, 84.337,
300.113

■ 27, 87.364,
301.042

290.886

■ 46, 46.982,
288.109

■ 51, 38.085,
285.650

■ 56, 29.469,
283.516

■ 61, 21.107,
281.682

■ 66, 12.976,
280.114

■ 71, 5.057, 278.785

■ 76, 2.665, 97.527

■ 81, 10.198, 96.570

■ 87, 17.550, 95.703

Harmonies

Complementary

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



41, 56.176, 290.886



65, 51.142, 89.656

Rectangle

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



41, 56.176, 290.886



41, 56.176, 340.886



41, 56.176, 110.886



41, 56.176, 160.886

Sweetspot

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



41, 56.176, 290.887



82, 19.622, 280.685



68, 41.345, 172.048



42, 13.428, 281.124



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, 56.176, 290.887



45, 85.813, 295.449



36, 74.272, 305.871



36, 4.415, 279.136



23, 76.380, 300.660



2, 12.759, 282.009

Inverse Universe

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



45, 52.345, 11.479



53, 75.530, 17.044



70, 62.724, 116.254



36, 4.201, 1.157



32, 62.314, 25.584



2, 11.011, 5.210

Previews

White Background



This preview shows how the CIE LCh color 41, 56.176, 290.886 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, 56.176, 290.886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

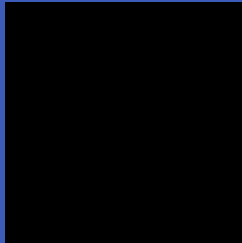
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 56.176, 290.886

Background



This preview shows how black text looks on a background with the CIELCh color 41, 56.176, 290.886.



This preview shows how white text looks on a background with the CIELCh color 41, 56.176, 290.886.

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, 25.516, 209.195

Trichromacy



Original Color
41, 56.197, 290.699

Protanomaly
41, 56.410, 288.256

Deuteranomaly
40, 50.022, 281.012

Tritanomaly
40, 29.607, 254.221

Monochromacy



Original Color
41, 56.197, 290.699

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 20.982, 283.738

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 56.176, 290.886 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(61, 91, 184)` looks like.

```
.text, #text, p{  
    color:rgb(61, 91, 184)  
}
```

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(61, 91, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 91, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 56.176, 290.886 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(61, 91, 184) }
```

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

```
.border{ border-color:rgb(61, 91, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 91, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 91, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 91, 184);  
box-shadow:4px 4px 4px 4px rgb(61, 91,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 56.176, 290.886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 91, 184) }
```

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

```
.background{ background-color: rgb(61, 91,  
184) }
```

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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