

Converting Colors

CIELCh(41, 54.472, 290.168)

Have a look what the booklet for
CIELCh(41, 54.472, 290.168)
contains.

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Color

CIELCh(41, 54.472, 290.168)

Conversions

Conversions Part 1

Format	Color
Hex	3D5BB5
RGB	61, 91, 181
RGB Percent	24%, 36%, 71%
CMY	0.7597, 0.6423, 0.2893
CMYK	0.66, 0.50, 0.00, 0.29
HSL	225°, 49%, 48%
HSV	225°, 66%, 71%
XYZ	14.0656, 11.8645, 45.3932
YIQ	92.2900, -46.7700, 21.6300

Conversions

Conversions Part 2

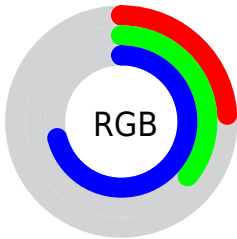
Format	Color
R _Y B	61, 85, 181
Decimal	4021173
CIE Lab	41.00, 18.78, -51.13
CIE LCh	41, 54.472, 290.168
Yxy	11.8645, 0.1972, 0.1663
Android (android.graphics.Color)	4282211253 (0xFF3D5BB5)
YUV	92.2900, 43.7340, -27.4413
Hunter-Lab	34.4449, 12.6120, -54.0239

Details

The CIELCh color **41, 54.472, 290.168** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **64, 50.047, 88.908**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 54.548, 290.178**, and **22, 53.805, 293.640** is the 20% darker color. If you saturate the color by 10%, you get **36, 63.662, 293.229**, and if you desaturate by 10%, it is **46, 45.539, 287.380**.

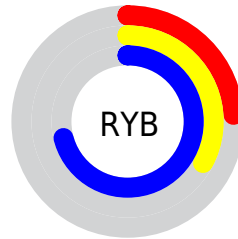
Distribution



Red (24%)

Green (36%)

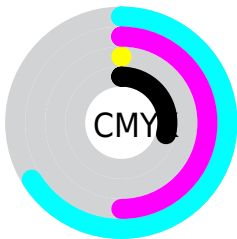
Blue (71%)



Red (24%)

Yellow (33%)

Blue (71%)

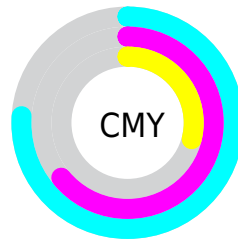


Cyan (66%)

Magenta (50%)

Yellow (0%)

Black (29%)



Cyan (76%)

Magenta (64%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 54.472, 290.168 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, 54.472, 290.168 by changing the saturation by 10% instead.


 41, 54.472,
290.168

 41, 54.472,
290.168


 100, 54.472,
290.168


 31, 54.472,
290.168

 61, 54.472,
290.168


 21, 54.472,
290.168

 71, 54.472,
290.168

 11, 54.472,
290.168


 81, 54.472,
290.168

 1, 54.472, 290.168

 91, 54.472,
290.168

 0, 54.472, 290.168

 41, 54.472,

 41, 54.472,

290.168

■ 36, 63.662,
293.229

■ 32, 72.966,
296.427

■ 29, 82.018,
299.539

■ 27, 85.309,
300.588

290.168

■ 46, 45.539,
287.380

■ 51, 36.891,
284.915

■ 56, 28.507,
282.779

■ 61, 20.361,
280.943

■ 66, 12.429,
279.374

■ 71, 4.696, 278.045

■ 76, 2.851, 96.784

■ 81, 10.220, 95.821

■ 86, 17.419, 94.951

Harmonies

Complementary

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



41, 54.472, 290.168



64, 50.047, 88.908

Rectangle

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



41, 54.472, 290.168



41, 54.472, 340.168



41, 54.472, 110.168



41, 54.472, 160.168

Sweetspot

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



41, 54.472, 290.169



81, 19.042, 279.995



67, 40.792, 172.105



41, 13.025, 280.432



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



41, 54.472, 290.169



46, 81.897, 294.543



36, 73.142, 305.831



36, 4.363, 278.438



23, 75.336, 300.223



2, 12.649, 281.558

Inverse Universe

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



44, 51.553, 10.515



53, 73.355, 15.679



70, 61.848, 116.263



36, 4.220, 0.374



32, 61.933, 24.693



2, 11.042, 4.603

Previews

White Background



This preview shows how the CIE LCh color 41, 54.472, 290.168 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, 54.472, 290.168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

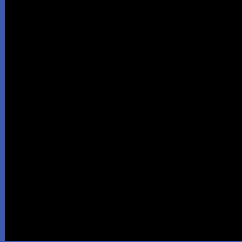
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 54.472, 290.168

Background



This preview shows how black text looks on a background with the CIELCh color 41, 54.472, 290.168.



This preview shows how white text looks on a background with the CIELCh color 41, 54.472, 290.168.

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, 54.472, 290.168

Protanopia

41, 54.686, 287.017

Deuteranopia

41, 46.964, 276.472



Tritanopia
41, 25.125, 209.433

Trichromacy



Original Color
41, 54.472, 290.168

Protanomaly
41, 54.612, 288.243

Deuteranomaly
41, 49.435, 280.376

Tritanomaly
40, 28.966, 253.925

Monochromacy



Original Color
41, 54.472, 290.168

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 20.400, 282.335

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 54.472, 290.168 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(61, 91, 181)  
}
```

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, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 91, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 54.472, 290.168 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, 181) }
```

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

```
.border{ border-color:rgb(61, 91, 181) }
```

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, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 91, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 91, 181);  
box-shadow:4px 4px 4px 4px rgb(61, 91,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 54.472, 290.168 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, 181) }
```

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

```
.background{ background-color: rgb(61, 91,  
181) }
```

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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