

Converting Colors

CIELCh(41, 34.891, 281.280)

Have a look what the booklet for
CIELCh(41, 34.891, 281.280)
contains.

CIELCh(41, 35.091, 281.330)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(41, 35.091, 281.330)

Conversions

Conversions Part 1

Format	Color
Hex	436099
RGB	67, 96, 153
RGB Percent	26%, 38%, 60%
CMY	0.7371, 0.6234, 0.3999
CMYK	0.56, 0.37, 0.00, 0.40
HSL	220°, 39%, 43%
HSV	220°, 56%, 60%
XYZ	12.2530, 11.8645, 31.7919
YIQ	93.8270, -35.5810, 11.5790

Conversions

Conversions Part 2

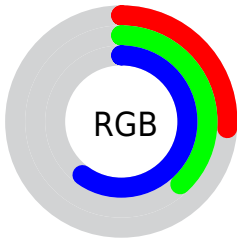
Format	Color
R_{YB}	67, 89, 153
Decimal	4415641
CIE _{Lab}	41.00, 6.89, -34.41
CIE _{LCh}	41, 35.091, 281.330
Yxy	11.8645, 0.2192, 0.2122
Android (android.graphics.Color)	4282605721 (0xFF436099)
YUV	93.8270, 29.1723, -23.5273
Hunter-Lab	34.4449, 3.2189, -30.6118

Details

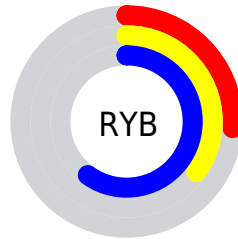
The CIELCh color **41, 35.091, 281.330** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **54, 35.235, 83.470**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 35.382, 281.563**, and **21, 35.554, 282.265** is the 20% darker color. If you saturate the color by 10%, you get **37, 41.739, 284.261**, and if you desaturate by 10%, it is **45, 28.595, 278.763**.

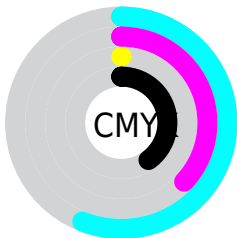
Distribution



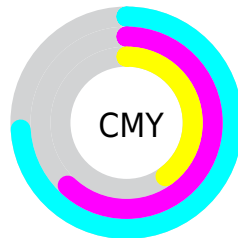
- Red (26%)
- Green (38%)
- Blue (60%)



- Red (26%)
- Yellow (35%)
- Blue (60%)



- Cyan (56%)
- Magenta (37%)
- Yellow (0%)
- Black (40%)



- Cyan (74%)
- Magenta (62%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 35.091, 281.330 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, 35.091, 281.330 by changing the saturation by 10% instead.

■ 41, 35.091,
281.330

■ 41, 35.091,
281.330

■ 100, 35.091,
281.330

■ 31, 35.091,
281.330

■ 61, 35.091,
281.330

■ 21, 35.091,
281.330

■ 71, 35.091,
281.330

■ 11, 35.091,
281.330

■ 81, 35.091,
281.330

■ 1, 35.091, 281.330

■ 91, 35.091,
281.330

■ 0, 35.091, 281.330

■ 41, 35.091,

■ 41, 35.091,

281.330

281.330

■ 37, 41.739,
284.261

■ 45, 28.595,
278.763

■ 34, 48.568,
287.528

■ 49, 22.226,
276.544

■ 30, 55.573,
291.039

■ 53, 15.964,
274.641

■ 27, 62.680,
294.603

■ 57, 9.799, 273.014

■ 26, 65.390,
295.836

■ 61, 3.725, 271.642

■ 65, 2.257, 90.287

■ 69, 8.147, 89.300

■ 73, 13.943, 88.392

■ 77, 19.645, 87.590

Harmonies

Complementary

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



41, 35.091, 281.330



54, 35.235, 83.470

Rectangle

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



41, 35.091, 281.330



41, 35.091, 331.330



41, 35.091, 101.330



41, 35.091, 151.330

Sweetspot

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



41, 35.090, 281.331



72, 12.744, 273.186



57, 34.402, 166.424



37, 8.513, 273.465



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



41, 35.090, 281.331



48, 52.425, 284.930



34, 53.669, 302.070



30, 3.402, 272.028



24, 60.861, 295.544



1, 3.679, 271.274

Inverse Universe

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



41, 39.051, 0.998



48, 56.374, 4.007



61, 46.306, 112.129



30, 3.786, 354.221



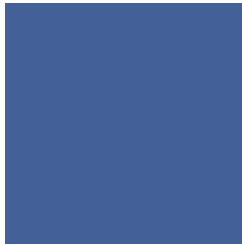
29, 55.029, 16.316



1, 4.013, 353.810

Previews

White Background



This preview shows how the CIE LCh color 41, 35.091, 281.330 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, 35.091, 281.330 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

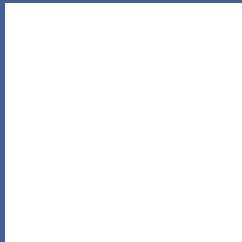
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 35.091, 281.330

Background



This preview shows how black text looks on a background with the CIELCh color 41, 35.091, 281.330.



This preview shows how white text looks on a background with the CIELCh color 41, 35.091, 281.330.

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, 35.091, 281.330

Protanopia

41, 35.372, 285.970

Deuteranopia

41, 35.185, 280.554



Tritanopia
41, 18.167, 215.171

Trichromacy



Original Color
41, 35.091, 281.330

Protanomaly
41, 34.882, 283.873

Deuteranomaly
41, 35.138, 280.939

Tritanomaly
41, 20.876, 250.694

Monochromacy



Original Color
41, 35.091, 281.330

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 12.729, 273.228

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 35.091, 281.330 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(67, 96, 153)` looks like.

```
.text, #text, p{  
    color:rgb(67, 96, 153)  
}
```

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(67, 96, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 96, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 35.091, 281.330 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(67, 96, 153) }
```

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

```
.border{ border-color:rgb(67, 96, 153) }
```

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

Here you see how a box with a 4 pixel rgb(67, 96, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 96, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 96, 153);  
box-shadow:4px 4px 4px 4px rgb(67, 96,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 35.091, 281.330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 96, 153) }
```

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

```
.background{ background-color: rgb(67, 96,  
153) }
```

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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