

Converting Colors

CIELCh(41, 3.257, 210.192)

Have a look what the booklet for
CIELCh(41, 3.257, 210.192) contains.

CIELCh(41, 3.299, 209.726)	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, 3.299, 209.726)

Conversions

Conversions Part 1

Format	Color
Hex	5A6263
RGB	90, 98, 99
RGB Percent	35%, 38%, 39%
CMY	0.6462, 0.6148, 0.6109
CMYK	0.09, 0.01, 0.00, 0.61
HSL	187°, 5%, 37%
HSV	187°, 9%, 39%
XYZ	10.8870, 11.8645, 13.5743
YIQ	95.7220, -5.0890, -1.3850

Conversions

Conversions Part 2

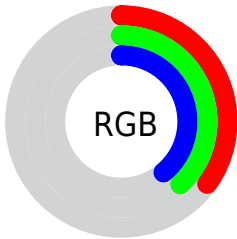
Format	Color
RYB	90, 94, 99
Decimal	5923427
CIELab	41.00, -2.86, -1.64
CIELCh	41, 3.299, 209.726
Yxy	11.8645, 0.2997, 0.3266
Android (android.graphics.Color)	4284113507 (0xFF5A6263)
YUV	95.7220, 1.6161, -5.0182
Hunter-Lab	34.4449, -3.8603, 0.7460

Details

The CIELCh color **41, 3.299, 209.726** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **39, 3.484, 29.801**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 3.451, 208.615**, and **21, 3.604, 209.648** is the 20% darker color. If you saturate the color by 10%, you get **40, 6.752, 209.611**, and if you desaturate by 10%, it is **42, 0.344, 28.756**.

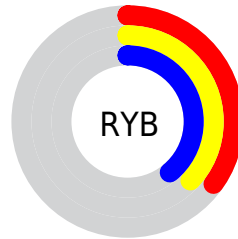
Distribution



Red (35%)

Green (38%)

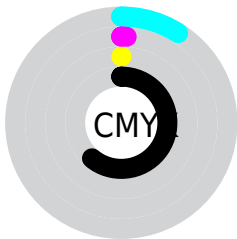
Blue (39%)



Red (35%)

Yellow (37%)

Blue (39%)

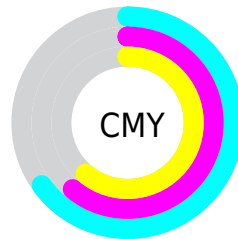


Cyan (9%)

Magenta (1%)

Yellow (0%)

Black (61%)



Cyan (65%)



















Magenta (61%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 3.299, 209.726 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, 3.299, 209.726 by changing the saturation by 10% instead.

 41, 3.299, 209.726	 41, 3.299, 209.726
 100, 3.299, 209.726	 31, 3.299, 209.726
 61, 3.299, 209.726	 21, 3.299, 209.726
 71, 3.299, 209.726	 11, 3.299, 209.726
 81, 3.299, 209.726	 1, 3.299, 209.726
 91, 3.299, 209.726	 0, 3.299, 209.726
 41, 3.299, 209.726	 41, 3.299, 209.726
 40, 6.752, 209.611	 42, 0.344, 28.756
 39, 9.967, 209.650	 43, 4.133, 29.832

■ 38, 12.892,
209.819

■ 45, 8.032, 30.103

■ 37, 15.473,
210.140

■ 46, 12.008, 30.385

■ 47, 16.036, 30.686

■ 36, 17.663,
210.643

■ 49, 20.095, 31.002

■ 36, 19.422,
211.361

■ 50, 24.169, 31.328

■ 52, 28.243, 31.660

■ 35, 20.729,
212.332

■ 53, 32.309, 31.994

■ 34, 21.584,
213.590

■ 34, 22.203,
214.991

Harmonies

Complementary

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



41, 3.299, 209.726



39, 3.484, 29.801

Rectangle

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



41, 3.299, 209.726



41, 3.299, 259.726



41, 3.299, 29.726



41, 3.299, 79.726

Sweetspot

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



41, 3.299, 209.707



54, 1.381, 209.964



41, 6.227, 146.785



28, 1.054, 209.903



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



41, 3.299, 209.707



53, 4.968, 209.670



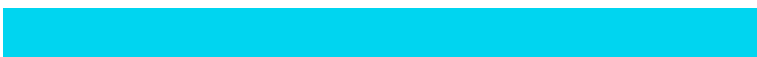
40, 3.583, 266.589



19, 2.001, 209.711



38, 24.256, 215.425



78, 42.218, 216.789

Inverse Universe

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



39, 6.193, 328.070



50, 9.389, 328.199



41, 3.606, 84.302



18, 3.753, 328.057



25, 58.047, 332.963



55, 100.948, 333.299

Previews

White Background



This preview shows how the CIELCh color 41, 3.299, 209.726 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, 3.299, 209.726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

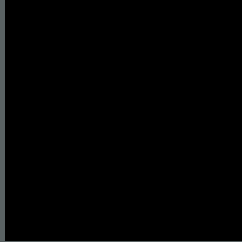
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

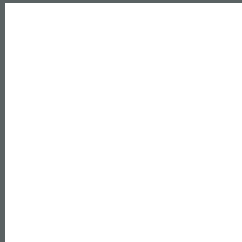
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 3.299, 209.726

Background



This preview shows how black text looks on a background with the CIELCh color 41, 3.299, 209.726.



This preview shows how white text looks on a background with the CIELCh color 41, 3.299, 209.726.

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, 3.299, 209.726

Protanopia

41, 1.484, 324.443

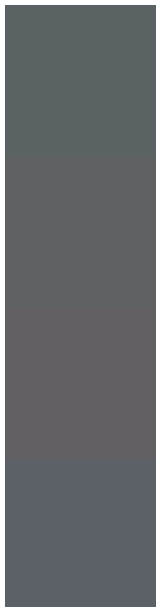
Deuteranopia

41, 5.558, 339.272



Tritanopia
41, 5.363, 264.492

Trichromacy



Original Color

41, 3.299, 209.726

Protanomaly

41, 1.020, 236.215

Deuteranomaly

41, 2.743, 317.410

Tritanomaly

41, 4.323, 256.910

Monochromacy



Original Color

41, 3.299, 209.726

Achromatopsia

41, 0.006, 296.813

Achromatomaly

41, 1.241, 199.509

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 3.299, 209.726 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(90, 98, 99)` looks like.

```
.text, #text, p{  
    color:rgb(90, 98, 99)  
}
```

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(90, 98, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 98, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 3.299, 209.726 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(90, 98, 99) }
```

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

```
.border{ border-color:rgb(90, 98, 99) }
```

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

Here you see how a box with a 4 pixel rgb(90, 98, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 98, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 98, 99);  
box-shadow:4px 4px 4px 4px rgb(90, 98, 99)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 3.299, 209.726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 98, 99) }
```

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

```
.background{ background-color: rgb(90, 98,  
99) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor