

Converting Colors

CIELCh(41, 8.192, 304.297)

Have a look what the booklet for
CIELCh(41, 8.192, 304.297) contains.

CIELCh(41, 8.086, 302.761)	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, 8.086, 302.761)

Conversions

Conversions Part 1

Format	Color
Hex	635F6C
RGB	99, 95, 108
RGB Percent	39%, 37%, 42%
CMY	0.6126, 0.6283, 0.5773
CMYK	0.08, 0.12, 0.00, 0.58
HSL	258°, 6%, 40%
HSV	258°, 12%, 42%
XYZ	11.8902, 11.8645, 15.7898
YIQ	97.6780, -1.7890, 4.8910

Conversions

Conversions Part 2

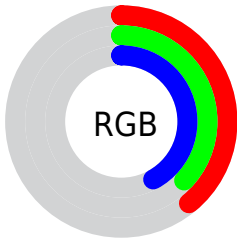
Format	Color
R_{YB}	99, 95, 108
Decimal	6512492
CIE Lab	41.00, 4.38, -6.80
CIE LCh	41, 8.086, 302.761
Yxy	11.8645, 0.3007, 0.3000
Android (android.graphics.Color)	4284702572 (0xFF635F6C)
YUV	97.6780, 5.0887, 1.1594
Hunter-Lab	34.4449, 1.3385, -3.0675

Details

The CIELCh color **41, 8.086, 302.761** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **45, 7.910, 121.450**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 8.141, 304.387**, and **21, 8.254, 301.078** is the 20% darker color. If you saturate the color by 10%, you get **37, 15.036, 303.401**, and if you desaturate by 10%, it is **45, 1.360, 302.171**.

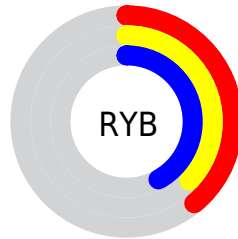
Distribution



Red (39%)

Green (37%)

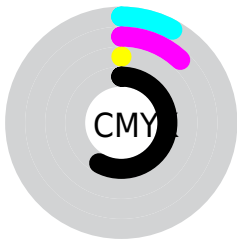
Blue (42%)



Red (39%)

Yellow (37%)

Blue (42%)

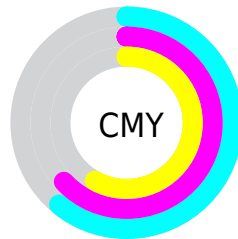


Cyan (8%)

Magenta (12%)

Yellow (0%)

Black (58%)



Cyan (61%)

Magenta (63%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 8.086, 302.761 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, 8.086, 302.761 by changing the saturation by 10% instead.

■ 41, 8.086, 302.761

■ 41, 8.086, 302.761

■ 100, 8.086,
302.761

■ 31, 8.086, 302.761

■ 61, 8.086, 302.761

■ 21, 8.086, 302.761

■ 71, 8.086, 302.761

■ 11, 8.086, 302.761

■ 81, 8.086, 302.761

■ 1, 8.086, 302.761

■ 91, 8.086, 302.761

■ 0, 8.086, 302.761

■ 41, 8.086, 302.761

■ 41, 8.086, 302.761

■ 37, 15.036,
303.401

■ 45, 1.360, 302.171

■ 33, 22.210,

■ 49, 5.141, 121.702

304.117

52, 11.429,
121.263

30, 29.581,
304.902

56, 17.513,
120.882

26, 37.090,
305.741

60, 23.406,
120.551

23, 44.612,
306.599

63, 29.117,
120.265

19, 51.912,
307.413

67, 34.658,
120.018

16, 58.588,
308.079

70, 40.039,
119.805

14, 64.086,
308.464

74, 45.270,
119.622

12, 68.392,
308.896

Harmonies

Complementary

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



41, 8.086, 302.761



45, 7.910, 121.450

Rectangle

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



41, 8.086, 302.761



41, 8.086, 352.761



41, 8.086, 122.761



41, 8.086, 172.761

Sweetspot

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



41, 8.085, 302.758



56, 3.290, 302.294



43, 4.264, 232.507



29, 2.358, 302.329



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



41, 8.085, 302.758



52, 11.698, 302.901



42, 8.975, 319.299



20, 3.730, 302.573



14, 72.718, 308.804



34, 126.002, 308.267

Inverse Universe

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



42, 7.677, 335.352



53, 11.082, 335.515



44, 8.920, 138.294



21, 3.552, 335.136



25, 52.157, 344.561



54, 88.772, 345.856

Previews

White Background



This preview shows how the CIELCh color 41, 8.086, 302.761 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 CIELCh color 41, 8.086, 302.761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

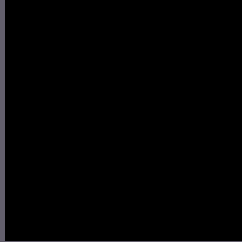
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

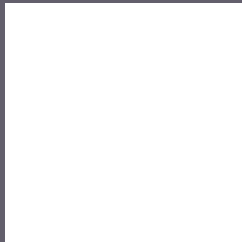
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 8.086, 302.761

Background



This preview shows how black text looks on a background with the CIELCh color 41, 8.086, 302.761.



This preview shows how white text looks on a background with the CIELCh color 41, 8.086, 302.761.

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, 8.086, 302.761

Protanopia

41, 7.897, 288.498

Deuteranopia

41, 9.003, 309.614



Tritanopia
41, 4.341, 301.638

Trichromacy



Original Color

41, 8.086, 302.761

Protanomaly

41, 7.894, 291.360

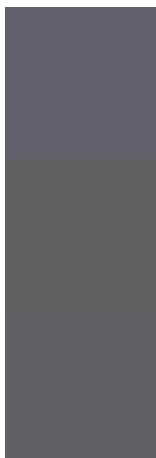
Deuteranomaly

41, 8.884, 307.132

Tritanomaly

41, 5.537, 299.391

Monochromacy



Original Color

41, 8.086, 302.761

Achromatopsia

41, 0.006, 296.813

Achromatomaly

41, 3.159, 305.713

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 8.086, 302.761 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(99, 95, 108)` looks like.

```
.text, #text, p{  
    color:rgb(99, 95, 108)  
}
```

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(99, 95, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 95, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 8.086, 302.761 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(99, 95, 108) }
```

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

```
.border{ border-color:rgb(99, 95, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 95, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 95, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 95, 108);  
box-shadow:4px 4px 4px 4px rgb(99, 95,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 8.086, 302.761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 95, 108) }
```

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

```
.background{ background-color: rgb(99, 95,  
108) }
```

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