

Converting Colors

CIELCh(41, 8.276, 307.161)

Have a look what the booklet for
CIELCh(41, 8.276, 307.161) contains.

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Color

CIELCh(41, 8.303, 308.245)

Conversions

Conversions Part 1

Format	Color
Hex	645E6B
RGB	100, 94, 107
RGB Percent	39%, 37%, 42%
CMY	0.6065, 0.6300, 0.5790
CMYK	0.07, 0.12, 0.00, 0.58
HSL	268°, 6%, 40%
HSV	268°, 12%, 42%
XYZ	11.9995, 11.8645, 15.6644
YIQ	97.2760, -0.5970, 5.3150

Conversions

Conversions Part 2

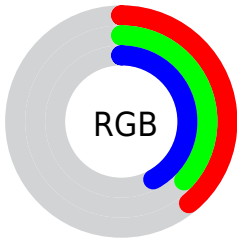
Format	Color
R _{YB}	100, 94, 107
Decimal	6577771
CIE Lab	41.00, 5.14, -6.52
CIE LCh	41, 8.303, 308.245
Yxy	11.8645, 0.3036, 0.3002
Android (android.graphics.Color)	4284767851 (0xFF645E6B)
YUV	97.2760, 4.7939, 2.3889
Hunter-Lab	34.4449, 1.9051, -2.8517

Details

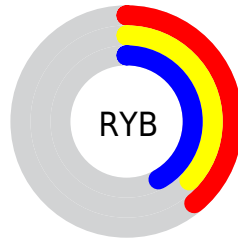
The CIELCh color **41, 8.303, 308.245** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **45, 8.160, 127.197**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 8.364, 309.443**, and **21, 8.465, 306.993** is the 20% darker color. If you saturate the color by 10%, you get **37, 15.363, 308.738**, and if you desaturate by 10%, it is **45, 1.433, 307.756**.

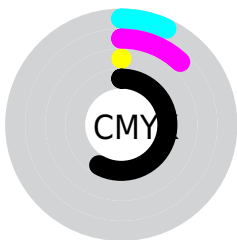
Distribution



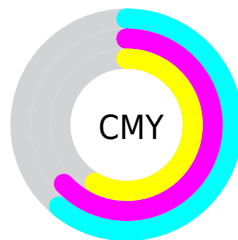
- Red (39%)
- Green (37%)
- Blue (42%)



- Red (39%)
- Yellow (37%)
- Blue (42%)



- Cyan (7%)
- Magenta (12%)
- Yellow (0%)
- Black (58%)



- Cyan (61%)
- Magenta (63%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 8.303, 308.245 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, 8.303, 308.245 by changing the saturation by 10% instead.

■ 41, 8.303, 308.245

■ 41, 8.303, 308.245

■ 100, 8.303,
308.245

■ 31, 8.303, 308.245

■ 61, 8.303, 308.245

■ 21, 8.303, 308.245

■ 71, 8.303, 308.245

■ 11, 8.303, 308.245

■ 81, 8.303, 308.245

■ 1, 8.303, 308.245

■ 91, 8.303, 308.245

■ 0, 8.303, 308.245

■ 41, 8.303, 308.245

■ 41, 8.303, 308.245

■ 37, 15.363,
308.738

■ 45, 1.433, 307.756

■ 34, 22.595,

■ 48, 5.234, 127.412

309.268

52, 11.700,
127.045

30, 29.948,
309.823

55, 17.970,
126.724

27, 37.329,
310.379

59, 24.052,
126.443

24, 44.581,
310.901

62, 29.955,
126.197

21, 51.446,
311.330

66, 35.689,
125.984

18, 57.548,
311.582

69, 41.262,
125.799

16, 62.436,
311.563

73, 46.684,
125.639

14, 66.190,
311.619

Harmonies

Complementary

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



41, 8.303, 308.245



45, 8.160, 127.197

Rectangle

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



41, 8.303, 308.245



41, 8.303, 358.245



41, 8.303, 128.245



41, 8.303, 178.245

Sweetspot

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



41, 8.302, 308.243



57, 3.378, 307.865



43, 4.482, 251.301



29, 2.421, 307.895



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, 8.302, 308.243



52, 12.858, 308.402



42, 9.391, 323.670



20, 3.826, 308.094



16, 70.572, 311.507



38, 122.231, 310.862

Inverse Universe

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



41, 6.904, 342.527



52, 10.678, 342.805



44, 9.369, 142.477



21, 3.186, 342.263



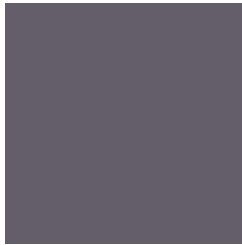
24, 48.417, 356.747



53, 82.683, 359.146

Previews

White Background



This preview shows how the CIELCh color 41, 8.303, 308.245 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, 8.303, 308.245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

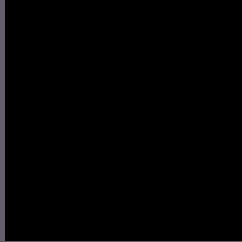
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 8.303, 308.245

Background



This preview shows how black text looks on a background with the CIELCh color 41, 8.303, 308.245.



This preview shows how white text looks on a background with the CIELCh color 41, 8.303, 308.245.

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, 8.303, 308.245

Protanopia

41, 7.292, 288.158

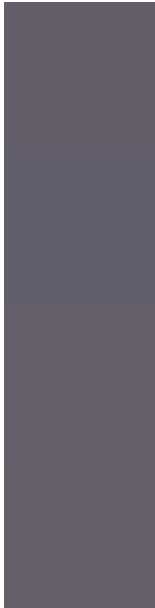
Deuteranopia

41, 8.431, 310.891



Tritanopia
41, 5.300, 313.595

Trichromacy



Original Color

41, 8.303, 308.245

Protanomaly

41, 7.959, 297.104

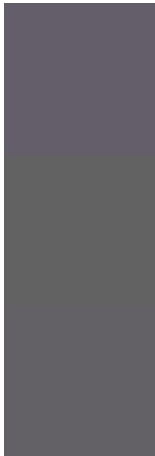
Deuteranomaly

41, 8.431, 310.891

Tritanomaly

41, 6.434, 309.457

Monochromacy



Original Color

41, 8.303, 308.245

Achromatopsia

42, 0.006, 296.813

Achromatomaly

41, 2.574, 309.202

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 8.303, 308.245 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(100, 94, 107)` looks like.

```
.text, #text, p{  
    color:rgb(100, 94, 107)  
}
```

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(100, 94, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 94, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 8.303, 308.245 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(100, 94, 107) }
```

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

```
.border{ border-color:rgb(100, 94, 107) }
```

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

Here you see how a box with a 4 pixel rgb(100, 94, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 94, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 94, 107);  
box-shadow:4px 4px 4px 4px rgb(100, 94,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 8.303, 308.245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 94, 107) }
```

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

```
.background{ background-color: rgb(100, 94,  
107) }
```

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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