

Converting Colors

CIELCh(41, 4.572, 5.962)

Have a look what the booklet for
CIELCh(41, 4.572, 5.962) contains.

CIELCh(41, 4.823, 5.496)	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, 4.823, 5.496)

Conversions

Conversions Part 1

Format	Color
Hex	695E60
RGB	105, 94, 96
RGB Percent	41%, 37%, 38%
CMY	0.5881, 0.6312, 0.6234
CMYK	0.00, 0.10, 0.09, 0.59
HSL	349°, 6%, 39%
HSV	349°, 10%, 41%
XYZ	11.9509, 11.8645, 12.7371
YIQ	97.5170, 5.9140, 2.9540

Conversions

Conversions Part 2

Format	Color
R_{YB}	105, 94, 96
Decimal	6905440
CIE Lab	41.00, 4.80, 0.46
CIE LCh	41, 4.823, 5.496
Yxy	11.8645, 0.3270, 0.3246
Android (android.graphics.Color)	4285095520 (0xFF695E60)
YUV	97.5170, -0.7479, 6.5626
Hunter-Lab	34.4449, 1.6534, 2.1870

Details

The CIELCh color $41, 4.823, 5.496$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $43, 4.628, 183.866$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 4.844, 6.415$, and $21, 4.940, 4.655$ is the 20% darker color. If you saturate the color by 10%, you get $38, 9.668, 6.561$, and if you desaturate by 10%, it is $44, 0.213, 3.189$.

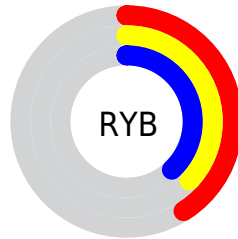
Distribution



Red (41%)

Green (37%)

Blue (38%)



Red (41%)

Yellow (37%)

Blue (38%)

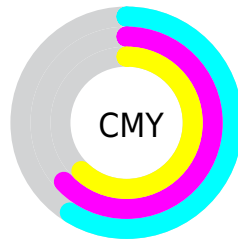


Cyan (0%)

Magenta (10%)

Yellow (9%)

Black (59%)



Cyan (59%)

Magenta (63%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 4.823, 5.496 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, 4.823, 5.496 by changing the saturation by 10% instead.

41, 4.823, 5.496

41, 4.823, 5.496

100, 4.823, 5.496

31, 4.823, 5.496

61, 4.823, 5.496

21, 4.823, 5.496

71, 4.823, 5.496

11, 4.823, 5.496

81, 4.823, 5.496

1, 4.823, 5.496

91, 4.823, 5.496

0, 4.823, 5.496

41, 4.823, 5.496

41, 4.823, 5.496

38, 9.668, 6.561

44, 0.213, 3.189

35, 14.726, 7.786

48, 4.153, 184.020

32, 19.943, 9.255

51, 8.286, 183.315

■ 29, 25.223, 11.054

■ 54, 12.200,
182.712

■ 26, 30.426, 13.287

■ 58, 15.912,
182.175

■ 24, 35.380, 16.079

■ 22, 39.912, 19.548

■ 61, 19.442,
181.693

■ 21, 43.912, 23.747

■ 64, 22.807,
181.255

■ 20, 47.685, 27.630

■ 68, 26.025,
180.855

■ 71, 29.110,
180.487

Harmonies

Complementary

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



41, 4.823, 5.496



43, 4.628, 183.866

Rectangle

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



41, 4.823, 5.496



41, 4.823, 55.496



41, 4.823, 185.496



41, 4.823, 235.496

Sweetspot

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



41, 4.822, 5.507



56, 1.694, 4.685



41, 7.658, 319.730



28, 1.276, 4.785



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



41, 4.822, 5.507



52, 7.532, 5.801



42, 3.827, 52.839



21, 2.619, 5.357



23, 51.903, 28.415



51, 92.077, 31.803

Inverse Universe

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



41, 4.822, 5.507



52, 7.532, 5.801



42, 3.637, 234.523



21, 2.619, 5.357



23, 51.903, 28.415



51, 92.077, 31.803

Previews

White Background



This preview shows how the CIELCh color 41, 4.823, 5.496 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, 4.823, 5.496 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, 4.823, 5.496

Background



This preview shows how black text looks on a background with the CIELCh color 41, 4.823, 5.496.

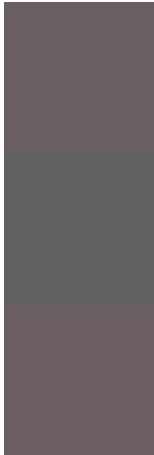


This preview shows how white text looks on a background with the CIELCh color 41, 4.823, 5.496.

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, 4.823, 5.496

Protanopia

41, 1.041, 343.573

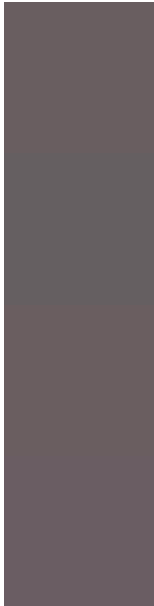
Deuteranopia

41, 5.240, 6.748



Tritanopia
41, 7.296, 338.756

Trichromacy



Original Color

41, 4.823, 5.496

Protanomaly

41, 2.806, 354.103

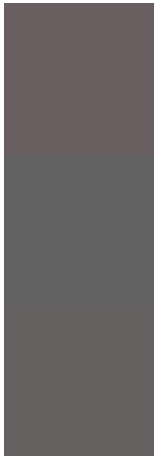
Deuteranomaly

41, 5.240, 6.748

Tritanomaly

41, 6.574, 346.747

Monochromacy



Original Color

41, 4.823, 5.496

Achromatopsia

42, 0.006, 296.813

Achromatomaly

41, 1.679, 19.429

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 4.823, 5.496 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(105, 94, 96)` looks like.

```
.text, #text, p{  
    color:rgb(105, 94, 96)  
}
```

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(105, 94, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 94, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 4.823, 5.496 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(105, 94, 96) }
```

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

```
.border{ border-color:rgb(105, 94, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 94, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 94, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 94, 96);  
box-shadow:4px 4px 4px 4px rgb(105, 94,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 4.823, 5.496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 94, 96) }
```

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

```
.background{ background-color: rgb(105, 94,  
96) }
```

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