

Converting Colors

CIELCh(41, 5.216, 347.741)

Have a look what the booklet for
CIELCh(41, 5.216, 347.741) contains.

CIELCh(41, 5.188, 344.356)	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, 5.188, 344.356)

Conversions

Conversions Part 1

Format	Color
Hex	685E63
RGB	104, 94, 99
RGB Percent	41%, 37%, 39%
CMY	0.5919, 0.6311, 0.6115
CMYK	0.00, 0.10, 0.05, 0.59
HSL	330°, 5%, 39%
HSV	330°, 10%, 41%
XYZ	11.9789, 11.8645, 13.4780
YIQ	97.5600, 4.3550, 3.6750

Conversions

Conversions Part 2

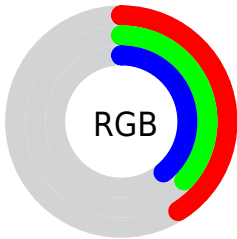
Format	Color
RYB	104, 94, 99
Decimal	6839907
CIELab	41.00, 5.00, -1.40
CIElCh	41, 5.188, 344.356
Yxy	11.8645, 0.3210, 0.3179
Android (android.graphics.Color)	4285029987 (0xFF685E63)
YUV	97.5600, 0.7099, 5.6479
Hunter-Lab	34.4449, 1.7981, 0.9117

Details

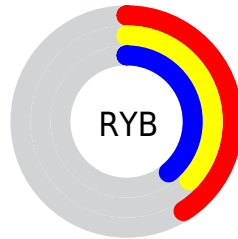
The CIELCh color $41, 5.188, 344.356$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $43, 5.123, 162.953$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 5.465, 341.771$, and $21, 5.392, 341.833$ is the 20% darker color. If you saturate the color by 10%, you get $38, 10.693, 345.245$, and if you desaturate by 10%, it is $44, 0.204, 164.868$.

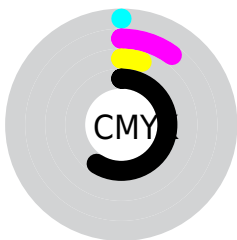
Distribution



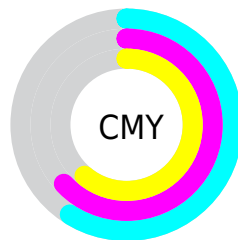
- Red (41%)
- Green (37%)
- Blue (39%)



- Red (41%)
- Yellow (37%)
- Blue (39%)



- Cyan (0%)
- Magenta (10%)
- Yellow (5%)
- Black (59%)



- Cyan (59%)
- Magenta (63%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 5.188, 344.356 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, 5.188, 344.356 by changing the saturation by 10% instead.

■ 41, 5.188, 344.356

■ 41, 5.188, 344.356

■ 100, 5.188,
344.356

■ 31, 5.188, 344.356

■ 61, 5.188, 344.356

■ 21, 5.188, 344.356

■ 71, 5.188, 344.356

■ 11, 5.188, 344.356

■ 81, 5.188, 344.356

■ 1, 5.188, 344.356

■ 91, 5.188, 344.356

■ 0, 5.188, 344.356

■ 41, 5.188, 344.356

■ 41, 5.188, 344.356

■ 38, 10.693,
345.245

■ 44, 0.204, 164.868

■ 35, 16.254,

■ 47, 5.443, 162.961

346.208

51, 10.516,
162.279

32, 21.770,
347.291

54, 15.418,
161.661

29, 27.098,
348.532

57, 20.153,
161.090

27, 32.038,
349.986

60, 24.727,
160.560

25, 36.351,
351.731

64, 29.151,
160.064

23, 39.785,
353.871

67, 33.435,
159.601

22, 42.147,
356.534

70, 37.590,
159.167

21, 44.006,
359.456

Harmonies

Complementary

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



41, 5.188, 344.356



43, 5.123, 162.953

Rectangle

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



41, 5.188, 344.356



41, 5.188, 34.356



41, 5.188, 164.356



41, 5.188, 214.356

Sweetspot

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



41, 5.187, 344.361



55, 1.993, 343.740



41, 6.444, 309.460



28, 1.524, 343.821



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, 5.187, 344.361



52, 8.052, 344.598



41, 4.263, 19.898



20, 2.978, 344.299



23, 47.192, 0.062



52, 81.418, 2.821

Inverse Universe

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



41, 5.187, 344.361



52, 8.052, 344.598



43, 4.028, 198.998



20, 2.978, 344.299



23, 47.192, 0.062



52, 81.418, 2.821

Previews

White Background



This preview shows how the CIELCh color 41, 5.188, 344.356 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, 5.188, 344.356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

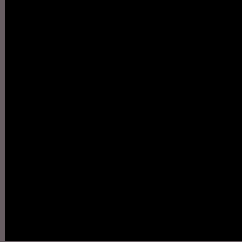
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 5.188, 344.356

Background



This preview shows how black text looks on a background with the CIELCh color 41, 5.188, 344.356.



This preview shows how white text looks on a background with the CIELCh color 41, 5.188, 344.356.

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, 5.188, 344.356

Protanopia

41, 2.473, 300.135

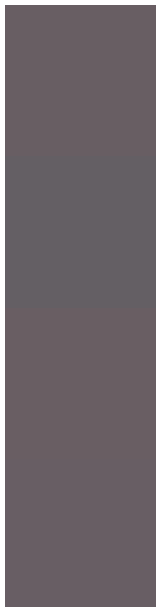
Deuteranopia

41, 5.535, 346.987



Tritanopia
41, 5.967, 334.867

Trichromacy



Original Color

41, 5.188, 344.356

Protanomaly

41, 3.698, 324.655

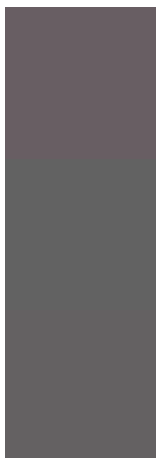
Deuteranomaly

41, 5.535, 346.987

Tritanomaly

41, 5.558, 339.272

Monochromacy



Original Color

41, 5.188, 344.356

Achromatopsia

42, 0.006, 296.813

Achromatomaly

41, 1.399, 353.746

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 5.188, 344.356 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(104, 94, 99)` looks like.

```
.text, #text, p{  
    color:rgb(104, 94, 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(104, 94, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 94, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 5.188, 344.356 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(104, 94, 99) }
```

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

```
.border{ border-color:rgb(104, 94, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 94, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 94, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 94, 99);  
box-shadow:4px 4px 4px 4px rgb(104, 94,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 5.188, 344.356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 94, 99) }
```

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

```
.background{ background-color: rgb(104, 94,  
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