

Converting Colors

CIELCh(41, 9.096, 48.267)

Have a look what the booklet for
CIELCh(41, 9.096, 48.267) contains.

CIELCh(41, 9.065, 47.933)	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, 9.065, 47.933)

Conversions

Conversions Part 1

Format	Color
Hex	6F5D56
RGB	111, 93, 86
RGB Percent	44%, 36%, 34%
CMY	0.5650, 0.6355, 0.6630
CMYK	0.00, 0.16, 0.23, 0.56
HSL	17°, 13%, 39%
HSV	17°, 23%, 44%
XYZ	12.1340, 11.8645, 10.4422
YIQ	97.5840, 12.9750, 1.6390

Conversions

Conversions Part 2

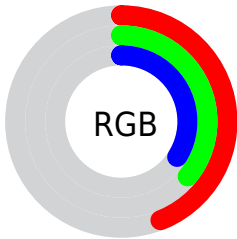
Format	Color
RYB	111, 96, 86
Decimal	7298390
CIELab	41.00, 6.07, 6.73
CIELCh	41, 9.065, 47.933
Yxy	11.8645, 0.3523, 0.3445
Android (android.graphics.Color)	4285488470 (0xFF6F5D56)
YUV	97.5840, -5.7109, 11.7658
Hunter-Lab	34.4449, 2.6022, 6.1373

Details

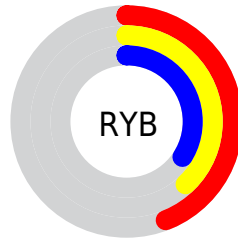
The CIELCh color $41, 9.065, 47.933$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $43, 7.975, 230.806$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 9.013, 45.772$, and $21, 9.137, 46.794$ is the 20% darker color. If you saturate the color by 10%, you get $39, 13.589, 47.576$, and if you desaturate by 10%, it is $44, 4.858, 48.371$.

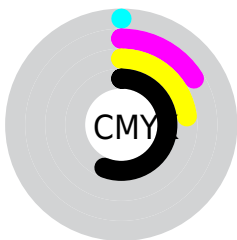
Distribution



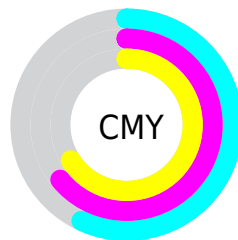
- Red (44%)
- Green (36%)
- Blue (34%)



- Red (44%)
- Yellow (38%)
- Blue (34%)



- Cyan (0%)
- Magenta (16%)
- Yellow (23%)
- Black (56%)



- Cyan (57%)
- Magenta (64%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 9.065, 47.933 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, 9.065, 47.933 by changing the saturation by 10% instead.

 41, 9.065, 47.933  41, 9.065, 47.933

 100, 9.065, 47.933  31, 9.065, 47.933


 61, 9.065, 47.933  21, 9.065, 47.933

 71, 9.065, 47.933  11, 9.065, 47.933

 81, 9.065, 47.933  1, 9.065, 47.933

 91, 9.065, 47.933  0, 9.065, 47.933

 41, 9.065, 47.933  41, 9.065, 47.933

 39, 13.589, 47.576  44, 4.858, 48.371

 36, 18.451, 47.305  46, 0.945, 48.607

 34, 23.655, 47.150  49, 2.704, 229.649

■ 32, 29.175, 47.123

■ 51, 6.116, 230.172

■ 29, 34.937, 47.202

■ 54, 9.318, 230.764

■ 28, 40.755, 47.299

■ 57, 12.335,
231.372

■ 26, 46.094, 47.027

■ 59, 15.189,
231.986

■ 25, 49.576, 46.690

■ 62, 17.899,
232.595

■ 65, 20.484,
233.197

Harmonies

Complementary

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



41, 9.065, 47.933



43, 7.975, 230.806

Rectangle

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



41, 9.065, 47.933



41, 9.065, 97.933



41, 9.065, 227.933



41, 9.065, 277.933

Sweetspot

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



41, 9.065, 47.943



58, 3.321, 48.589



40, 15.202, 334.410



30, 2.178, 48.576



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



41, 9.065, 47.943



52, 13.824, 47.742



44, 11.674, 95.791



22, 2.173, 48.520



27, 53.062, 46.913



56, 93.993, 45.941

Inverse Universe

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



43, 7.975, 230.806



54, 11.761, 231.331



39, 11.881, 281.208



23, 2.073, 229.756



34, 26.814, 250.273



68, 46.785, 253.301

Previews

White Background



This preview shows how the CIELCh color 41, 9.065, 47.933 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, 9.065, 47.933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

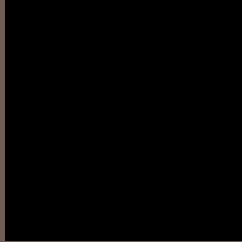
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 9.065, 47.933

Background



This preview shows how black text looks on a background with the CIELCh color 41, 9.065, 47.933.



This preview shows how white text looks on a background with the CIELCh color 41, 9.065, 47.933.

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, 9.065, 47.933

Protanopia

41, 5.293, 85.246

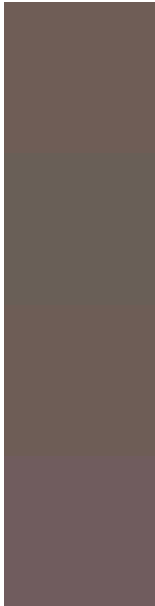
Deuteranopia

41, 8.665, 49.290



Tritanopia
41, 9.860, 355.430

Trichromacy



Original Color
41, 9.065, 47.933

Protanomaly
41, 6.531, 67.315

Deuteranomaly
41, 8.665, 49.290

Tritanomaly
41, 8.697, 12.631

Monochromacy



Original Color
41, 9.065, 47.933

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 3.209, 41.739

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 9.065, 47.933 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(111, 93, 86)` looks like.

```
.text, #text, p{  
    color:rgb(111, 93, 86)  
}
```

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(111, 93, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 93, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 9.065, 47.933 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(111, 93, 86) }
```

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

```
.border{ border-color:rgb(111, 93, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 93, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 93, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 93, 86);  
box-shadow:4px 4px 4px 4px rgb(111, 93,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 9.065, 47.933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 93, 86) }
```

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

```
.background{ background-color: rgb(111, 93,  
86) }
```

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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