

Converting Colors

CIELCh(41, 11.877, 347.784)

Have a look what the booklet for
CIELCh(41, 11.877, 347.784)
contains.

CIELCh(41, 12.076, 347.775)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(41, 12.076, 347.775)

Conversions

Conversions Part 1

Format	Color
Hex	725A65
RGB	114, 90, 101
RGB Percent	45%, 35%, 40%
CMY	0.5524, 0.6465, 0.6034
CMYK	0.00, 0.21, 0.11, 0.55
HSL	333°, 12%, 40%
HSV	333°, 21%, 45%
XYZ	12.9813, 11.8645, 13.9533
YIQ	98.4300, 10.7730, 8.5090

Conversions

Conversions Part 2

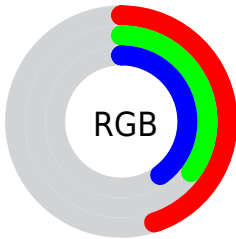
Format	Color
R_{YB}	114, 90, 101
Decimal	7494245
CIE _{Lab}	41.00, 11.80, -2.56
CIE _{LCh}	41, 12.076, 347.775
Yxy	11.8645, 0.3346, 0.3058
Android (android.graphics.Color)	4285684325 (0xFF725A65)
YUV	98.4300, 1.2670, 13.6549
Hunter-Lab	34.4449, 6.9930, 0.0936

Details

The CIELCh color $41, 12.076, 347.775$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $46, 11.713, 164.176$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 12.183, 347.123$, and $21, 12.224, 349.031$ is the 20% darker color. If you saturate the color by 10%, you get $38, 17.949, 348.825$, and if you desaturate by 10%, it is $44, 6.262, 346.832$.

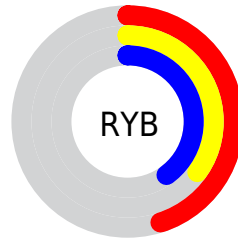
Distribution



Red (45%)

Green (35%)

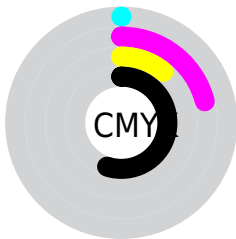
Blue (40%)



Red (45%)

Yellow (35%)

Blue (40%)

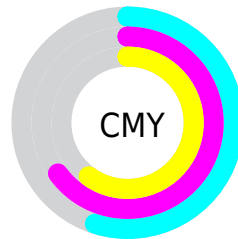


Cyan (0%)

Magenta (21%)

Yellow (11%)

Black (55%)



Cyan (55%)


Magenta (65%)


Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 12.076, 347.775 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, 12.076, 347.775 by changing the saturation by 10% instead.


 41, 12.076,
347.775


 41, 12.076,
347.775


 100, 12.076,
347.775


 31, 12.076,
347.775

 61, 12.076,
347.775


 21, 12.076,
347.775

 71, 12.076,
347.775


 11, 12.076,
347.775


 81, 12.076,
347.775

 1, 12.076, 347.775

 91, 12.076,
347.775

 0, 12.076, 347.775

 41, 12.076,

 41, 12.076,

347.775

347.775

■ 38, 17.949,
348.825

■ 44, 6.262, 346.832

■ 35, 23.775,
350.020

■ 48, 0.580, 345.564

■ 51, 4.933, 165.348

■ 32, 29.389,
351.411

■ 55, 10.260,
164.628

■ 29, 34.568,
353.069

■ 58, 15.397,
163.983

■ 27, 39.048,
355.091

■ 62, 20.348,
163.390

■ 25, 42.570,
357.603

■ 65, 25.124,
162.842

■ 24, 44.959, 0.752

■ 69, 29.735,
162.332

■ 23, 46.715, 3.823

■ 72, 34.193,

Harmonies

Complementary

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



41, 12.076, 347.775



46, 11.713, 164.176

Rectangle

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



41, 12.076, 347.775



41, 12.076, 37.775



41, 12.076, 167.775



41, 12.076, 217.775

Sweetspot

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



41, 12.074, 347.778



59, 4.186, 346.381



40, 15.546, 311.125



30, 2.760, 346.424



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, 12.074, 347.778



51, 17.821, 348.245



41, 10.179, 23.459



22, 3.140, 346.645



25, 48.360, 4.084



53, 82.498, 6.963

Inverse Universe

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



41, 12.074, 347.778



51, 17.821, 348.245



46, 8.908, 201.514



22, 3.140, 346.645



25, 48.360, 4.084



53, 82.498, 6.963

Previews

White Background



This preview shows how the CIELCh color 41, 12.076, 347.775 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, 12.076, 347.775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

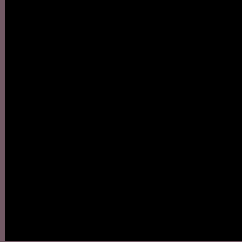
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 12.076, 347.775

Background



This preview shows how black text looks on a background with the CIELCh color 41, 12.076, 347.775.



This preview shows how white text looks on a background with the CIELCh color 41, 12.076, 347.775.

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, 12.076, 347.775

Protanopia

41, 5.467, 291.005

Deuteranopia

41, 5.881, 342.028



Tritanopia
41, 10.644, 357.579

Trichromacy



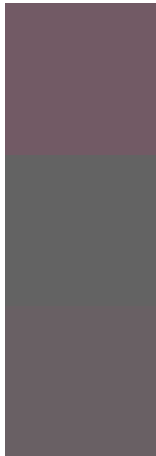
Original Color
41, 12.076, 347.775

Protanomaly
41, 7.142, 322.131

Deuteranomaly
41, 7.601, 346.603

Tritanomaly
41, 10.868, 354.616

Monochromacy



Original Color
41, 12.076, 347.775

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 4.488, 347.401

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 12.076, 347.775 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(114, 90, 101)` looks like.

```
.text, #text, p{  
    color:rgb(114, 90, 101)  
}
```

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(114, 90, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 90, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 12.076, 347.775 is called "border". The border property can be set on classes, ids or directly on the HTML element.

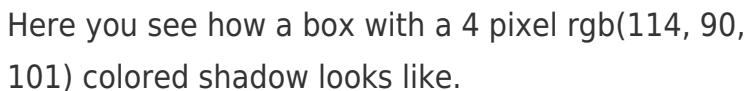
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(114, 90, 101) }
```

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

```
.border{ border-color:rgb(114, 90, 101) }
```

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



Here you see how a box with a 4 pixel `rgb(114, 90, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(114, 90, 101); -webkit-box-shadow:4px 4px 4px 4px rgb(114, 90, 101); box-shadow:4px 4px 4px 4px rgb(114, 90, 101) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 12.076, 347.775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 90, 101) }
```

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

```
.background{ background-color: rgb(114, 90,  
101) }
```

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