

Converting Colors

CIELCh(41, 13.913, 35.900)

Have a look what the booklet for
CIELCh(41, 13.913, 35.900) contains.

CIELCh(41, 13.604, 36.349)	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, 13.604, 36.349)

Conversions

Conversions Part 1

Format	Color
Hex	775A54
RGB	119, 90, 84
RGB Percent	47%, 35%, 33%
CMY	0.5335, 0.6472, 0.6707
CMYK	0.00, 0.24, 0.29, 0.53
HSL	10°, 17%, 40%
HSV	10°, 29%, 47%
XYZ	12.8539, 11.8645, 9.9925
YIQ	97.9870, 19.2100, 4.2820

Conversions

Conversions Part 2

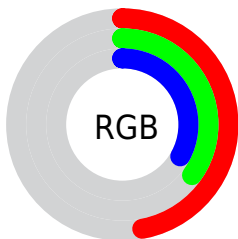
Format	Color
R_{YB}	119, 91, 84
Decimal	7821908
CIE _{Lab}	41.00, 10.96, 8.06
CIE _{LCh}	41, 13.604, 36.349
Yxy	11.8645, 0.3703, 0.3418
Android (android.graphics.Color)	4286011988 (0xFF775A54)
YUV	97.9870, -6.8956, 18.4284
Hunter-Lab	34.4449, 6.3327, 6.9114

Details

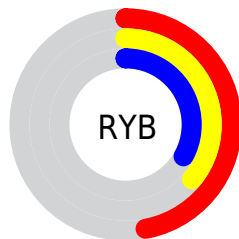
The CIELCh color **41, 13.604, 36.349** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **46, 11.186, 217.047**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 13.579, 34.853**, and **21, 13.940, 35.856** is the 20% darker color. If you saturate the color by 10%, you get **38, 18.967, 36.695**, and if you desaturate by 10%, it is **44, 8.627, 36.172**.

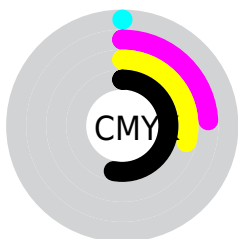
Distribution



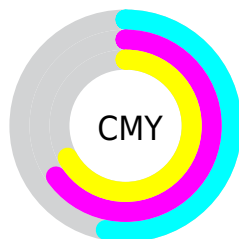
- Red (47%)
- Green (35%)
- Blue (33%)



- Red (47%)
- Yellow (36%)
- Blue (33%)



- Cyan (0%)
- Magenta (24%)
- Yellow (29%)
- Black (53%)



- Cyan (53%)
- Magenta (65%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 13.604, 36.349 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, 13.604, 36.349 by changing the saturation by 10% instead.

41, 13.604, 36.349

41, 13.604, 36.349

100, 13.604,
36.349

31, 13.604, 36.349

61, 13.604, 36.349

21, 13.604, 36.349

71, 13.604, 36.349

11, 13.604, 36.349

81, 13.604, 36.349

1, 13.604, 36.349

91, 13.604, 36.349

0, 13.604, 36.349

41, 13.604, 36.349

41, 13.604, 36.349

38, 18.967, 36.695

44, 8.627, 36.172

35, 24.719, 37.233

47, 4.021, 36.083

■ 33, 30.825, 38.006

■ 50, 0.240, 217.797

■ 30, 37.204, 39.031

■ 53, 4.190, 216.457

■ 28, 43.680, 40.260

■ 57, 7.860, 216.603

■ 27, 49.857, 41.464

■ 60, 11.282,
216.816

■ 25, 54.782, 42.017

■ 63, 14.486,
217.064

■ 25, 55.050, 42.069

■ 66, 17.497,
217.334

■ 69, 20.338,
217.617

Harmonies

Complementary

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



41, 13.604, 36.349



46, 11.186, 217.047

Rectangle

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



41, 13.604, 36.349



41, 13.604, 86.349



41, 13.604, 216.349



41, 13.604, 266.349

Sweetspot

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



41, 13.603, 36.356



61, 4.783, 36.081



40, 22.538, 331.123



31, 3.366, 36.092



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



41, 13.603, 36.356



51, 20.686, 36.555



46, 14.774, 87.524



23, 2.372, 36.079



26, 56.436, 42.210



54, 99.396, 42.298

Inverse Universe

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



46, 11.186, 217.047



58, 16.181, 217.398



40, 14.681, 275.393



24, 2.247, 216.452



39, 25.291, 228.036



77, 42.916, 230.037

Previews

White Background



This preview shows how the CIELCh color 41, 13.604, 36.349 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, 13.604, 36.349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

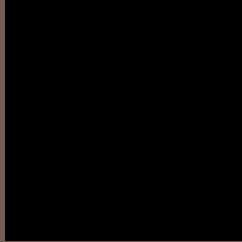
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 13.604, 36.349

Background



This preview shows how black text looks on a background with the CIELCh color 41, 13.604, 36.349.



This preview shows how white text looks on a background with the CIELCh color 41, 13.604, 36.349.

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, 13.604, 36.349

Protanopia

41, 6.275, 93.152

Deuteranopia

41, 10.132, 56.580



Tritanopia
41, 14.399, 4.554

Trichromacy



Original Color
41, 13.604, 36.349

Protanomaly
41, 7.871, 57.709

Deuteranomaly
41, 11.354, 48.894

Tritanomaly
41, 13.632, 16.292

Monochromacy



Original Color
41, 13.604, 36.349

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 4.872, 34.243

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 13.604, 36.349 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(119, 90, 84)` looks like.

```
.text, #text, p{  
    color:rgb(119, 90, 84)  
}
```

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(119, 90, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 90, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 13.604, 36.349 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(119, 90, 84) }
```

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

```
.border{ border-color:rgb(119, 90, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 90, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 90, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 90, 84);  
box-shadow:4px 4px 4px 4px rgb(119, 90,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 13.604, 36.349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 90, 84) }
```

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

```
.background{ background-color: rgb(119, 90,  
84) }
```

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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