

Converting Colors

CIELCh(41, 21.168, 84.899)

Have a look what the booklet for
CIELCh(41, 21.168, 84.899) contains.

CIELCh(41, 21.304, 86.210)	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, 21.304, 86.210)

Conversions

Conversions Part 1

Format	Color
Hex	6F5F3E
RGB	111, 95, 62
RGB Percent	44%, 37%, 24%
CMY	0.5655, 0.6282, 0.7575
CMYK	0.00, 0.14, 0.44, 0.57
HSL	40°, 28%, 34%
HSV	40°, 44%, 43%
XYZ	11.4719, 11.8645, 6.2181
YIQ	96.0220, 20.1290, -6.8710

Conversions

Conversions Part 2

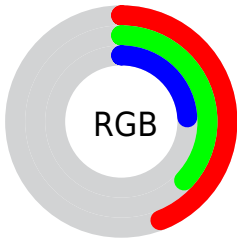
Format	Color
R_{YB}	86, 111, 62
Decimal	7298878
CIE Lab	41.00, 1.41, 21.26
CIE LCh	41, 21.304, 86.210
Yxy	11.8645, 0.3882, 0.4014
Android (android.graphics.Color)	4285488958 (0xFF6F5F3E)
YUV	96.0220, -16.7728, 13.1357
Hunter-Lab	34.4449, -0.8291, 13.4083

Details

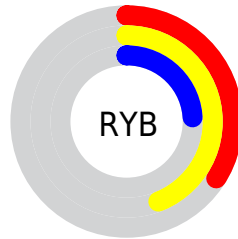
The CIELCh color **41, 21.304, 86.210** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **33, 21.239, 278.792**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 21.268, 85.408**, and **21, 21.059, 85.535** is the 20% darker color. If you saturate the color by 10%, you get **40, 26.245, 84.882**, and if you desaturate by 10%, it is **42, 16.364, 87.509**.

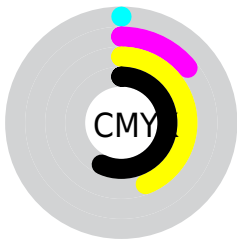
Distribution



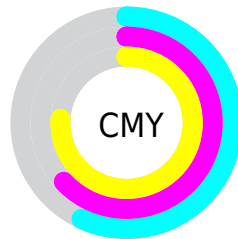
- Red (44%)
- Green (37%)
- Blue (24%)



- Red (34%)
- Yellow (44%)
- Blue (24%)



- Cyan (0%)
- Magenta (14%)
- Yellow (44%)
- Black (57%)





















- Cyan (57%)
- Magenta (63%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 21.304, 86.210 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, 21.304, 86.210 by changing the saturation by 10% instead.

 41, 21.304, 86.210	 41, 21.304, 86.210
 100, 21.304, 86.210	 31, 21.304, 86.210
 61, 21.304, 86.210	 21, 21.304, 86.210
 71, 21.304, 86.210	 11, 21.304, 86.210
 81, 21.304, 86.210	 1, 21.304, 86.210
 91, 21.304, 86.210	 0, 21.304, 86.210

 41, 21.304, 86.210	 41, 21.304, 86.210
 40, 26.245, 84.882	 42, 16.364, 87.509
 39, 31.088, 83.500	 44, 11.477, 88.766

■ 37, 35.655, 82.038

■ 45, 6.669, 89.981

■ 36, 39.655, 80.434

■ 46, 1.950, 91.111

■ 35, 42.788, 78.618

■ 48, 2.678, 272.391

■ 35, 44.743, 77.681

■ 49, 7.218, 273.453

■ 50, 11.673,
274.497

■ 52, 16.051,
275.498

■ 53, 20.356,
276.452

Harmonies

Complementary

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



41, 21.304, 86.210



33, 21.239, 278.792

Rectangle

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



41, 21.304, 86.210



41, 21.304, 136.210



41, 21.304, 266.210



41, 21.304, 316.210

Sweetspot

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



41, 21.304, 86.215



57, 7.510, 90.084



33, 23.659, 358.748



29, 5.228, 89.878



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



41, 21.304, 86.215



51, 31.599, 84.860



45, 28.604, 113.699



23, 2.653, 90.588



38, 47.302, 77.430



74, 80.657, 75.738

Inverse Universe

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



33, 21.239, 278.792



39, 31.644, 281.184



29, 31.693, 300.758



22, 2.656, 272.812



19, 54.376, 295.573



42, 98.480, 297.635

Previews

White Background



This preview shows how the CIELCh color 41, 21.304, 86.210 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, 21.304, 86.210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

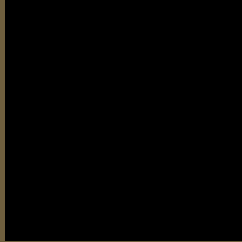
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 21.304, 86.210

Background



This preview shows how black text looks on a background with the CIELCh color 41, 21.304, 86.210.



This preview shows how white text looks on a background with the CIELCh color 41, 21.304, 86.210.

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, 21.304, 86.210

Protanopia

41, 20.690, 96.576

Deuteranopia

41, 22.131, 76.064



Tritanopia
41, 11.063, 358.566

Trichromacy



Original Color
41, 21.304, 86.210

Protanomaly
41, 20.482, 92.449

Deuteranomaly
41, 21.855, 79.925

Tritanomaly
41, 10.623, 47.346

Monochromacy



Original Color
41, 21.304, 86.210

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 7.575, 92.185

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 21.304, 86.210 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, 95, 62)` looks like.

```
.text, #text, p{  
    color:rgb(111, 95, 62)  
}
```

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, 95, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 95, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 21.304, 86.210 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, 95, 62) }
```

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

```
.border{ border-color:rgb(111, 95, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 95, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 95, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 95, 62);  
box-shadow:4px 4px 4px 4px rgb(111, 95,  
62) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 21.304, 86.210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 95, 62) }
```

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

```
.background{ background-color: rgb(111, 95,  
62) }
```

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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