

Converting Colors

CIELCh(42, 5.783, 37.218)

Have a look what the booklet for
CIELCh(42, 5.783, 37.218) contains.

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Color

CIELCh(42, 5.715, 32.176)

Conversions

Conversions Part 1

Format	Color
Hex	6D605E
RGB	109, 96, 94
RGB Percent	43%, 38%, 37%
CMY	0.5714, 0.6224, 0.6303
CMYK	0.00, 0.12, 0.14, 0.57
HSL	8°, 7%, 40%
HSV	8°, 14%, 43%
XYZ	12.5840, 12.5000, 12.4052
YIQ	99.6590, 8.3900, 2.1340

Conversions

Conversions Part 2

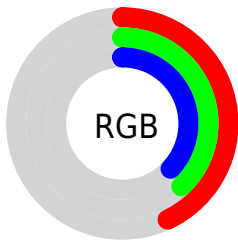
Format	Color
RYB	109, 96, 94
Decimal	7168094
CIELab	42.00, 4.84, 3.04
CIELCh	42, 5.715, 32.176
Yxy	12.5000, 0.3357, 0.3334
Android (android.graphics.Color)	4285358174 (0xFF6D605E)
YUV	99.6590, -2.7899, 8.1921
Hunter-Lab	35.3553, 1.6613, 3.9456

Details

The CIELCh color $42, 5.715, 32.176$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $44, 5.248, 212.128$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 6.044, 30.532$, and $22, 5.510, 34.371$ is the 20% darker color. If you saturate the color by 10%, you get $39, 10.273, 32.489$, and if you desaturate by 10%, it is $45, 1.494, 31.866$.

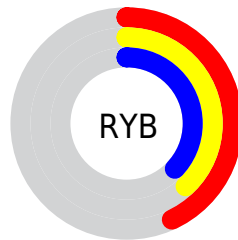
Distribution



Red (43%)

Green (38%)

Blue (37%)



Red (43%)

Yellow (38%)

Blue (37%)

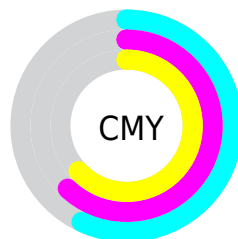


Cyan (0%)

Magenta (12%)

Yellow (14%)

Black (57%)



Cyan (57%)













Magenta (62%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 5.715, 32.176 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 42, 5.715, 32.176 by changing the saturation by 10% instead.

 42, 5.715, 32.176	 42, 5.715, 32.176
 100, 5.715, 32.176	 32, 5.715, 32.176
 62, 5.715, 32.176	 22, 5.715, 32.176
 72, 5.715, 32.176	 12, 5.715, 32.176
 82, 5.715, 32.176	 2, 5.715, 32.176
 92, 5.715, 32.176	 0, 5.715, 32.176

 42, 5.715, 32.176	 42, 5.715, 32.176
 39, 10.273, 32.489	 45, 1.494, 31.866
 36, 15.188, 32.932	 48, 2.415, 212.199
 33, 20.464, 33.573	 51, 6.043, 212.128

■ 31, 26.082, 34.460

■ 54, 9.418, 212.179

■ 28, 31.985, 35.637

■ 57, 12.571,
212.281

■ 26, 38.061, 37.111

■ 60, 15.526,
212.416

■ 24, 44.088, 38.801

■ 23, 49.095, 39.708

■ 64, 18.308,
212.573

■ 22, 51.706, 40.264

■ 67, 20.938,
212.746

■ 70, 23.433,
212.930

Harmonies

Complementary

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



42, 5.715, 32.176



44, 5.248, 212.128

Rectangle

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



42, 5.715, 32.176



42, 5.715, 82.176



42, 5.715, 212.176



42, 5.715, 262.176

Sweetspot

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



42, 5.714, 32.190



58, 1.996, 31.892



42, 10.017, 329.056



29, 1.412, 31.926



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



42, 5.714, 32.190



53, 8.379, 32.261



44, 6.134, 86.701



21, 2.257, 32.070



24, 55.051, 40.748



52, 99.028, 41.495

Inverse Universe

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



44, 5.248, 212.128



57, 7.557, 212.136



42, 6.091, 270.161



22, 2.138, 212.147



39, 24.723, 220.022



78, 42.416, 221.622

Previews

White Background



This preview shows how the CIELCh color 42, 5.715, 32.176 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 42, 5.715, 32.176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

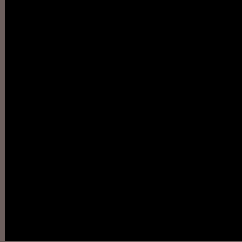
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 5.715, 32.176

Background



This preview shows how black text looks on a background with the CIELCh color 42, 5.715, 32.176.



This preview shows how white text looks on a background with the CIELCh color 42, 5.715, 32.176.

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

42, 5.715, 32.176

Protanopia

42, 2.194, 74.650

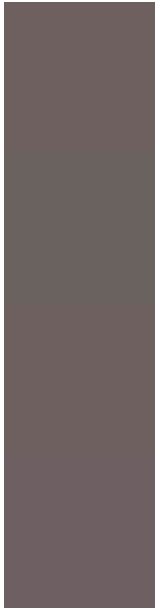
Deuteranopia

42, 6.577, 30.673



Tritanopia
42, 7.574, 346.582

Trichromacy



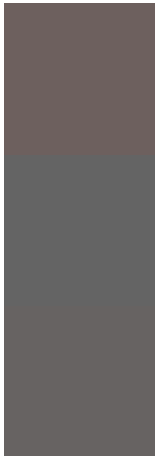
Original Color
42, 5.715, 32.176

Protanomaly
42, 3.475, 50.886

Deuteranomaly
42, 6.145, 31.368

Tritanomaly
42, 6.786, 359.527

Monochromacy



Original Color
42, 5.715, 32.176

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 1.777, 39.196

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 5.715, 32.176 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(109, 96, 94)` looks like.

```
.text, #text, p{  
    color:rgb(109, 96, 94)  
}
```

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(109, 96, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 96, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 5.715, 32.176 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(109, 96, 94) }
```

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

```
.border{ border-color:rgb(109, 96, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 96, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 96, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 96, 94);  
box-shadow:4px 4px 4px 4px rgb(109, 96,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 5.715, 32.176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 96, 94) }
```

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

```
.background{ background-color: rgb(109, 96,  
94) }
```

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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