

Converting Colors

CIELCh(42, 16.751, 17.535)

Have a look what the booklet for
CIELCh(42, 16.751, 17.535) contains.

CIELCh(42, 16.775, 17.720)	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(42, 16.775, 17.720)

Conversions

Conversions Part 1

Format	Color
Hex	7F595B
RGB	127, 89, 91
RGB Percent	50%, 35%, 36%
CMY	0.5006, 0.6497, 0.6419
CMYK	0.00, 0.30, 0.28, 0.50
HSL	357°, 18%, 42%
HSV	357°, 30%, 50%
XYZ	14.3077, 12.5000, 11.6303
YIQ	100.5900, 22.0060, 8.6780

Conversions

Conversions Part 2

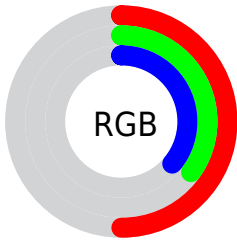
Format	Color
R_{YB}	127, 89, 91
Decimal	8345947
CIE _{Lab}	42.00, 15.98, 5.11
CIE _{LCh}	42, 16.775, 17.720
Yxy	12.5000, 0.3722, 0.3252
Android (android.graphics.Color)	4286536027 (0xFF7F595B)
YUV	100.5900, -4.7279, 23.1616
Hunter-Lab	35.3553, 10.3642, 5.2451

Details

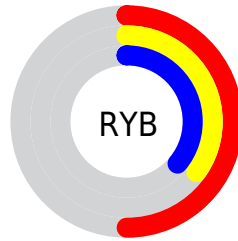
The CIELCh color $42, 16.775, 17.720$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $51, 14.074, 193.171$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 17.041, 17.413$, and $22, 16.944, 18.900$ is the 20% darker color. If you saturate the color by 10%, you get $38, 23.082, 19.121$, and if you desaturate by 10%, it is $46, 10.793, 16.610$.

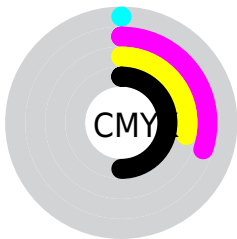
Distribution



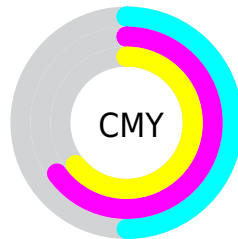
- Red (50%)
- Green (35%)
- Blue (36%)



- Red (50%)
- Yellow (35%)
- Blue (36%)



- Cyan (0%)
- Magenta (30%)
- Yellow (28%)
- Black (50%)





















- Cyan (50%)
- Magenta (65%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 16.775, 17.720 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, 16.775, 17.720 by changing the saturation by 10% instead.

 42, 16.775, 17.720	 42, 16.775, 17.720
 100, 16.775, 17.720	 32, 16.775, 17.720
 62, 16.775, 17.720	 22, 16.775, 17.720
 72, 16.775, 17.720	 12, 16.775, 17.720
 82, 16.775, 17.720	 2, 16.775, 17.720
 92, 16.775, 17.720	 0, 16.775, 17.720
 42, 16.775, 17.720	 42, 16.775, 17.720
 38, 23.082, 19.121	 46, 10.793, 16.610
 35, 29.634, 20.891	 50, 5.176, 15.686

■ 32, 36.291, 23.143

■ 53, 0.072, 200.491

■ 30, 42.867, 25.978

■ 57, 4.966, 194.528

■ 28, 49.141, 29.428

■ 61, 9.534, 193.994

■ 26, 54.852, 33.328

■ 65, 13.805,
193.561

■ 25, 59.455, 36.212

■ 69, 17.813,
193.195

■ 25, 59.515, 36.239

■ 73, 21.586,
192.879

■ 77, 25.152,
192.604

Harmonies

Complementary

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



42, 16.775, 17.720



51, 14.074, 193.171

Rectangle

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



42, 16.775, 17.720



42, 16.775, 67.720



42, 16.775, 197.720



42, 16.775, 247.720

Sweetspot

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



42, 16.774, 17.725



64, 5.850, 15.630



43, 26.618, 324.074



33, 4.114, 15.740



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



42, 16.774, 17.725



51, 25.635, 18.666



46, 13.772, 64.698



25, 2.955, 15.620



25, 59.571, 36.249



0, 0.000, 0.000

Inverse Universe

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



42, 16.774, 17.725



51, 25.635, 18.666



46, 12.307, 252.032



25, 2.955, 15.620



25, 59.571, 36.249



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 42, 16.775, 17.720 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 CIELCh color 42, 16.775, 17.720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

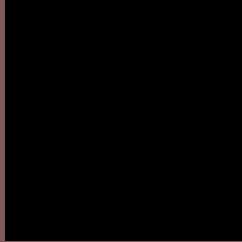
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 16.775, 17.720

Background



This preview shows how black text looks on a background with the CIELCh color 42, 16.775, 17.720.



This preview shows how white text looks on a background with the CIELCh color 42, 16.775, 17.720.

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, 16.775, 17.720

Protanopia

42, 1.733, 63.274

Deuteranopia

42, 7.898, 47.220



Tritanopia
42, 17.272, 9.993

Trichromacy



Original Color
42, 16.775, 17.720

Protanomaly
42, 6.867, 20.269

Deuteranomaly
42, 10.870, 33.399

Tritanomaly
42, 17.227, 11.962

Monochromacy



Original Color
42, 16.775, 17.720

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 5.969, 20.130

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 16.775, 17.720 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(127, 89, 91)` looks like.

```
.text, #text, p{  
    color:rgb(127, 89, 91)  
}
```

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(127, 89, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 89, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 16.775, 17.720 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(127, 89, 91) }
```

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

```
.border{ border-color:rgb(127, 89, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 89, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 89, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 89, 91);  
box-shadow:4px 4px 4px 4px rgb(127, 89,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 16.775, 17.720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 89, 91) }
```

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

```
.background{ background-color: rgb(127, 89,  
91) }
```

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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