

Converting Colors

CIELCh(17, 27.026, 64.553)

Have a look what the booklet for
CIELCh(17, 27.026, 64.553) contains.

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Color

CIELCh(17, 26.948, 64.832)

Conversions

Conversions Part 1

Format	Color
Hex	412302
RGB	65, 35, 2
RGB Percent	25%, 14%, 1%
CMY	0.7463, 0.8638, 0.9938
CMYK	0.00, 0.46, 0.98, 0.75
HSL	32°, 95%, 13%
HSV	32°, 98%, 25%
XYZ	2.7610, 2.3023, 0.3440
YIQ	40.2080, 28.4730, -3.9030

Conversions

Conversions Part 2

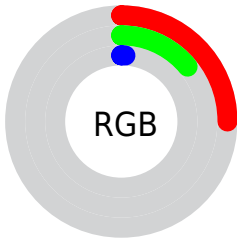
Format	Color
R_{YB}	59, 65, 2
Decimal	4268802
CIE Lab	17.00, 11.46, 24.39
CIE LCh	17, 26.948, 64.832
Yxy	2.3023, 0.5106, 0.4258
Android (android.graphics.Color)	4282458882 (0xFF412302)
YUV	40.2080, -18.8365, 21.7426
Hunter-Lab	15.1734, 5.9267, 9.2772

Details

The CIELCh color **17, 26.948, 64.832** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **12, 24.498, 279.720**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 27.172, 65.521**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **17, 27.451, 64.397**, and if you desaturate by 10%, it is **18, 24.891, 66.854**.

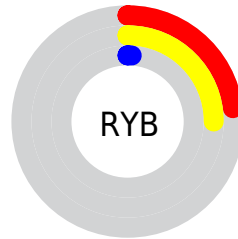
Distribution



Red (25%)

Green (14%)

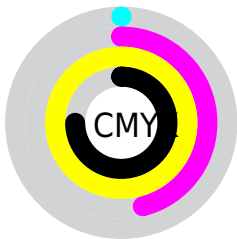
Blue (1%)



Red (23%)

Yellow (25%)

Blue (1%)

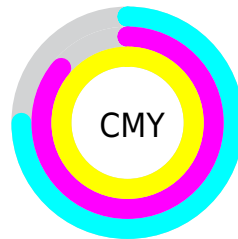


Cyan (0%)

Magenta (46%)

Yellow (98%)

Black (75%)



Cyan (75%)

Magenta (86%)

Yellow (99%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 26.948, 64.832 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 17, 26.948, 64.832 by changing the saturation by 10% instead.

 17, 26.948, 64.832

 17, 26.948, 64.832

 100, 26.948,
64.832

 7, 26.948, 64.832

 37, 26.948, 64.832

 0, 26.948, 64.832

 47, 26.948, 64.832

 57, 26.948, 64.832

 67, 26.948, 64.832

 77, 26.948, 64.832

 87, 26.948, 64.832

 97, 26.948, 64.832

■ 17, 26.948, 64.832

■ 17, 26.948, 64.832

■ 17, 27.451, 64.397

■ 18, 24.891, 66.854

■ 19, 22.652, 68.975

■ 20, 19.640, 70.374

■ 21, 16.483, 71.574

■ 22, 13.385, 72.744

■ 23, 10.377, 73.895

■ 24, 7.473, 75.029

■ 25, 4.673, 76.141

■ 27, 1.975, 77.199

Harmonies

Complementary

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



17, 26.948, 64.832



12, 24.498, 279.720

Rectangle

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



17, 26.948, 64.832



17, 26.948, 114.832



17, 26.948, 244.832



17, 26.948, 294.832

Sweetspot

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



17, 26.948, 64.835



32, 9.833, 74.728



11, 31.389, 357.543



15, 6.832, 74.509



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



17, 26.948, 64.835



23, 35.710, 64.827



26, 35.302, 103.988



12, 1.484, 77.101



26, 40.523, 64.765



61, 76.816, 62.195

Inverse Universe

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



12, 24.498, 279.720



16, 31.241, 282.486



4, 44.177, 302.457



12, 1.465, 259.139



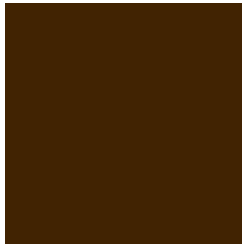
19, 35.097, 283.434



47, 69.828, 287.037

Previews

White Background



This preview shows how the CIELCh color 17, 26.948, 64.832 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 ✓ Pass

Black Background



This preview shows how the CIELCh color 17, 26.948, 64.832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

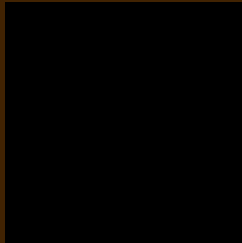
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 26.948, 64.832

Background



This preview shows how black text looks on a background with the CIELCh color 17, 26.948, 64.832.



This preview shows how white text looks on a background with the CIELCh color 17, 26.948, 64.832.

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

17, 26.948, 64.832

Protanopia

17, 22.640, 97.505

Deuteranopia

17, 25.098, 87.041



Tritanopia
17, 17.554, 17.696

Trichromacy



Original Color
17, 26.948, 64.832

Protanomaly
17, 23.201, 84.429

Deuteranomaly
17, 25.174, 78.669

Tritanomaly
17, 20.086, 42.986

Monochromacy



Original Color
17, 26.948, 64.832

Achromatopsia
16, 0.003, 296.813

Achromatomaly
16, 10.382, 72.766

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 26.948, 64.832 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(65, 35, 2)` looks like.

```
.text, #text, p{  
    color:rgb(65, 35, 2)  
}
```

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(65, 35, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 35, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 26.948, 64.832 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(65, 35, 2) }
```

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

```
.border{ border-color:rgb(65, 35, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 35, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 35, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(65, 35, 2); box-shadow:4px  
4px 4px 4px rgb(65, 35, 2) }
```

Background

The CSS property to change the background color of an element to CIELCh 17, 26.948, 64.832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 35, 2) }
```

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

```
.background{ background-color: rgb(65, 35,  
2) }
```

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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