

Converting Colors

CIELCh(65, 17.863, 104.205)

Have a look what the booklet for
CIELCh(65, 17.863, 104.205)
contains.

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Color

CIELCh(65, 17.678, 104.277)

Conversions

Conversions Part 1

Format	Color
Hex	A29F7F
RGB	162, 159, 127
RGB Percent	64%, 62%, 50%
CMY	0.3644, 0.3761, 0.5017
CMYK	0.00, 0.02, 0.22, 0.36
HSL	55°, 16%, 57%
HSV	55°, 22%, 64%
XYZ	31.1637, 34.0472, 25.0337
YIQ	156.2490, 12.0600, -9.3160

Conversions

Conversions Part 2

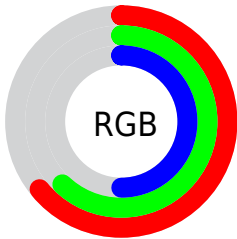
Format	Color
RYB	130, 162, 127
Decimal	10657663
CIELab	65.00, -4.36, 17.13
CIELCh	65, 17.678, 104.277
Yxy	34.0472, 0.3453, 0.3773
Android (android.graphics.Color)	4288847743 (0xFFA29F7F)
YUV	156.2490, -14.4198, 5.0436
Hunter-Lab	58.3500, -6.7788, 15.4080

Details

The CIELCh color $65, 17.678, 104.277$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $55, 18.400, 289.052$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 17.791, 104.935$, and $45, 17.698, 104.736$ is the 20% darker color. If you saturate the color by 10%, you get $64, 25.789, 103.242$, and if you desaturate by 10%, it is $66, 9.499, 105.311$.

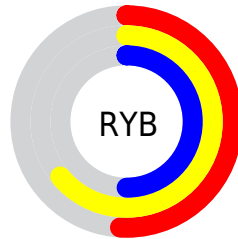
Distribution



Red (64%)

Green (62%)

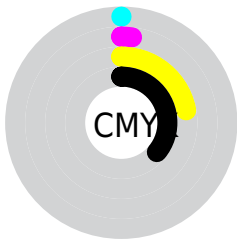
Blue (50%)



Red (51%)

Yellow (64%)

Blue (50%)

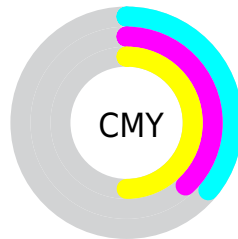


Cyan (0%)

Magenta (2%)

Yellow (22%)

Black (36%)



Cyan (36%)


Magenta (38%)


Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 17.678, 104.277 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 65, 17.678, 104.277 by changing the saturation by 10% instead.

 65, 17.678,
104.277


 65, 17.678,
104.277


 100, 17.678,
104.277


 55, 17.678,
104.277


 85, 17.678,
104.277

 45, 17.678,
104.277

 95, 17.678,
104.277

 35, 17.678,
104.277

 25, 17.678,
104.277

 15, 17.678,
104.277

 5, 17.678, 104.277

 0, 17.678, 104.277

■ 65, 17.678,
104.277

■ 65, 17.678,
104.277

■ 64, 25.789,
103.242

■ 66, 9.499, 105.311

■ 67, 1.300, 106.267

■ 64, 33.743,
102.204

■ 67, 6.885, 287.329

■ 63, 41.404,
101.186

■ 68, 15.037,
288.272

■ 63, 48.556,
100.206

■ 69, 23.142,
289.182

■ 62, 54.876, 99.287

■ 70, 31.192,
290.051

■ 62, 59.933, 98.448

■ 71, 39.181,
290.876

■ 61, 63.278, 97.699

■ 61, 64.999, 97.122

■ 72, 46.173,
291.507

■ 72, 45.381,
290.844

Harmonies

Complementary

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



65, 17.678, 104.277



55, 18.400, 289.052

Rectangle

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



65, 17.678, 104.277



65, 17.678, 154.277



65, 17.678, 284.277



65, 17.678, 334.277

Sweetspot

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



65, 17.679, 104.282



84, 6.102, 105.861



57, 14.430, 13.110



45, 4.081, 105.801



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



65, 17.679, 104.282



82, 26.420, 103.773



65, 20.109, 124.441



34, 4.659, 105.546



55, 60.041, 97.179



5, 7.079, 105.252

Inverse Universe

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



55, 18.400, 289.052



68, 27.780, 289.763



56, 20.834, 306.644



32, 4.742, 287.494



17, 83.761, 304.905



1, 7.337, 286.867

Previews

White Background



This preview shows how the CIELCh color 65, 17.678, 104.277 looks on a white 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

Black Background



This preview shows how the CIELCh color 65, 17.678, 104.277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

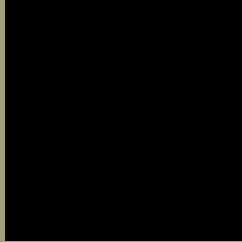
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

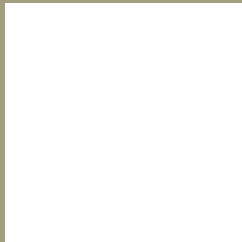
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 17.678, 104.277

Background



This preview shows how black text looks on a background with the CIELCh color 65, 17.678, 104.277.



This preview shows how white text looks on a background with the CIELCh color 65, 17.678, 104.277.

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
65, 17.678, 104.277

Protanopia
65, 17.621, 94.730

Deuteranopia
65, 18.300, 63.824



Tritanopia
65, 8.331, 326.989

Trichromacy



Original Color
65, 17.678, 104.277

Protanomaly
65, 17.888, 98.965

Deuteranomaly
65, 17.153, 79.581

Tritanomaly
65, 4.140, 51.878

Monochromacy



Original Color
65, 17.678, 104.277

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 6.658, 106.064

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 17.678, 104.277 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(162, 159, 127)` looks like.

```
.text, #text, p{  
    color:rgb(162, 159, 127)  
}
```

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(162, 159, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 159, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 17.678, 104.277 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(162, 159, 127) }
```

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

```
.border{ border-color:rgb(162, 159, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 159, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 159, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 159, 127);  
box-shadow:4px 4px 4px 4px rgb(162, 159,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 17.678, 104.277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 159, 127) }
```

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

```
.background{ background-color: rgb(162,  
159, 127) }
```

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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