

Converting Colors

CIELCh(65, 17.024, 233.695)

Have a look what the booklet for
CIELCh(65, 17.024, 233.695)
contains.

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Color

CIELCh(65, 17.179, 234.298)

Conversions

Conversions Part 1

Format	Color
Hex	79A4B6
RGB	121, 164, 182
RGB Percent	47%, 64%, 71%
CMY	0.5250, 0.3564, 0.2858
CMYK	0.33, 0.10, 0.00, 0.29
HSL	198°, 30%, 59%
HSV	198°, 33%, 71%
XYZ	29.6525, 34.0472, 49.3277
YIQ	153.1950, -31.4060, -3.5180

Conversions

Conversions Part 2

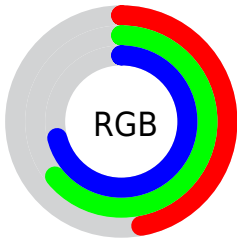
Format	Color
RYB	121, 146, 182
Decimal	7972022
CIELab	65.00, -10.03, -13.95
CIELCh	65, 17.179, 234.298
Yxy	34.0472, 0.2623, 0.3012
Android (android.graphics.Color)	4286162102 (0xFF79A4B6)
YUV	153.1950, 14.2009, -28.2350
Hunter-Lab	58.3500, -11.4017, -9.2775

Details

The CIELCh color $65, 17.179, 234.298$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $62, 21.087, 49.101$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 17.216, 234.311$, and $45, 17.243, 234.494$ is the 20% darker color. If you saturate the color by 10%, you get $62, 21.558, 235.917$, and if you desaturate by 10%, it is $68, 12.405, 233.020$.

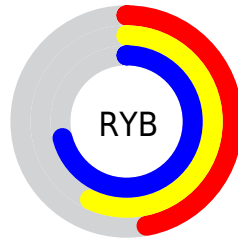
Distribution



Red (47%)

Green (64%)

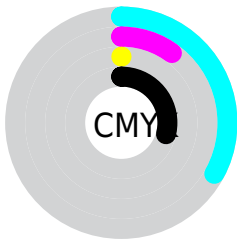
Blue (71%)



Red (47%)

Yellow (57%)

Blue (71%)

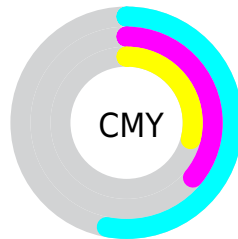


Cyan (33%)

Magenta (10%)

Yellow (0%)

Black (29%)



Cyan (53%)


Magenta (36%)

Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 17.179, 234.298 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, 17.179, 234.298 by changing the saturation by 10% instead.


 65, 17.179,
234.298


 65, 17.179,
234.298


 100, 17.179,
234.298


 55, 17.179,
234.298


 85, 17.179,
234.298

 45, 17.179,
234.298

 95, 17.179,
234.298

 35, 17.179,
234.298

 25, 17.179,
234.298

 15, 17.179,
234.298

 5, 17.179, 234.298

 0, 17.179, 234.298

■ 65, 17.179,
234.298

■ 65, 17.179,
234.298

■ 62, 21.558,
235.917

■ 68, 12.405,
233.020

■ 60, 25.482,
237.967

■ 70, 7.301, 232.036

■ 73, 1.932, 231.424

■ 58, 28.911,
240.533

■ 76, 3.645, 50.427

■ 56, 31.835,
243.701

■ 79, 9.379, 50.019

■ 54, 34.297,
247.534

■ 82, 15.229, 49.658

■ 85, 21.160, 49.369

■ 52, 36.403,
252.037

■ 87, 23.053, 54.593

■ 51, 37.722,
255.134

■ 88, 23.139, 62.830

Harmonies

Complementary

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



65, 17.179, 234.298



62, 21.087, 49.101

Rectangle

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



65, 17.179, 234.298



65, 17.179, 284.298



65, 17.179, 54.298



65, 17.179, 104.298

Sweetspot

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



65, 17.179, 234.294



90, 6.754, 231.772



69, 33.164, 150.901



48, 4.631, 231.879



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



65, 17.179, 234.294



81, 24.822, 235.420



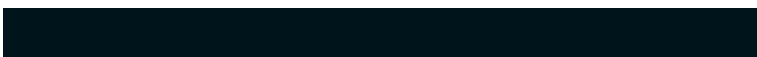
57, 27.487, 284.258



37, 3.113, 231.712



43, 33.394, 254.459



5, 8.661, 244.355

Inverse Universe

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



58, 33.220, 336.498



71, 48.908, 337.091



69, 26.547, 95.437



36, 5.620, 334.681



34, 64.173, 344.241



3, 14.123, 339.045

Previews

White Background



This preview shows how the CIELCh color 65, 17.179, 234.298 looks on a white background.

Color Contrast Check

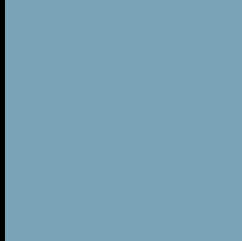
Large Text (above 18pt) WCAG AA × Fail

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, 17.179, 234.298 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

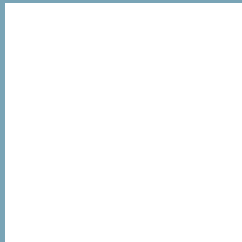
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 17.179, 234.298

Background



This preview shows how black text looks on a background with the CIELCh color 65, 17.179, 234.298.



This preview shows how white text looks on a background with the CIELCh color 65, 17.179, 234.298.

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, 17.179, 234.298

Protanopia
65, 11.698, 287.881

Deuteranopia
65, 17.457, 299.016



Tritanopia
65, 16.571, 224.306

Trichromacy



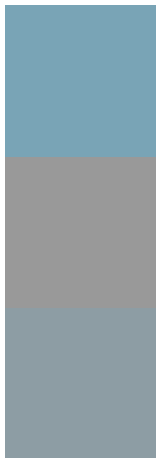
Original Color
65, 17.179, 234.298

Protanomaly
65, 12.469, 262.684

Deuteranomaly
65, 14.953, 275.421

Tritanomaly
65, 16.757, 226.152

Monochromacy



Original Color
65, 17.179, 234.298

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 6.958, 233.278

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 17.179, 234.298 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(121, 164, 182)` looks like.

```
.text, #text, p{  
    color:rgb(121, 164, 182)  
}
```

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(121, 164, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 164, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 17.179, 234.298 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(121, 164, 182) }
```

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

```
.border{ border-color:rgb(121, 164, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 164, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 164, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 164, 182);  
box-shadow:4px 4px 4px 4px rgb(121, 164,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 17.179, 234.298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 164, 182) }
```

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

```
.background{ background-color: rgb(121,  
164, 182) }
```

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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