

Converting Colors

CIELCh(65, 15.735, 240.727)

Have a look what the booklet for
CIELCh(65, 15.735, 240.727)
contains.

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Color

CIELCh(65, 15.822, 240.772)

Conversions

Conversions Part 1

Format	Color
Hex	7FA3B6
RGB	127, 163, 182
RGB Percent	50%, 64%, 71%
CMY	0.5023, 0.3611, 0.2866
CMYK	0.30, 0.10, 0.00, 0.29
HSL	201°, 27%, 61%
HSV	201°, 30%, 71%
XYZ	30.2598, 34.0472, 49.1903
YIQ	154.4020, -27.5550, -1.7230

Conversions

Conversions Part 2

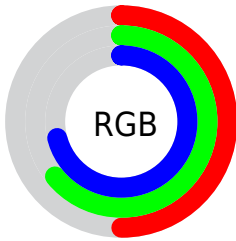
Format	Color
R_{YB}	127, 149, 182
Decimal	8364982
CIE _{Lab}	65.00, -7.73, -13.81
CIE _{LCh}	65, 15.822, 240.772
Yxy	34.0472, 0.2666, 0.3000
Android (android.graphics.Color)	4286555062 (0xFF7FA3B6)
YUV	154.4020, 13.6058, -24.0316
Hunter-Lab	58.3500, -9.5439, -9.1378

Details

The CIELCh color $65, 15.822, 240.772$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $63, 18.600, 54.802$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 15.837, 240.623$, and $45, 15.782, 241.662$ is the 20% darker color. If you saturate the color by 10%, you get $62, 20.499, 242.541$, and if you desaturate by 10%, it is $68, 10.832, 239.347$.

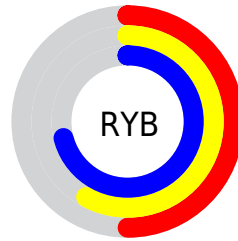
Distribution



Red (50%)

Green (64%)

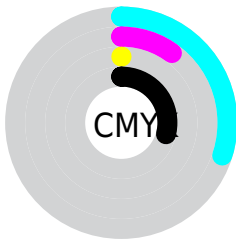
Blue (71%)



Red (50%)

Yellow (58%)

Blue (71%)

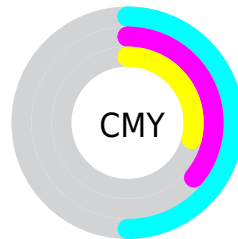


Cyan (30%)

Magenta (10%)

Yellow (0%)

Black (29%)



Cyan (50%)


Magenta (36%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 15.822, 240.772 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, 15.822, 240.772 by changing the saturation by 10% instead.


 65, 15.822,
240.772


 65, 15.822,
240.772


 100, 15.822,
240.772


 55, 15.822,
240.772


 85, 15.822,
240.772

 45, 15.822,
240.772

 95, 15.822,
240.772

 35, 15.822,
240.772

 25, 15.822,
240.772

 15, 15.822,
240.772

 5, 15.822, 240.772

 0, 15.822, 240.772

65, 15.822,
240.772

65, 15.822,
240.772

62, 20.499,
242.541

68, 10.832,
239.347

59, 24.815,
244.739

71, 5.585, 238.229

57, 28.736,
247.447

74, 0.133, 240.585

77, 5.478, 56.371

54, 32.256,
250.741

80, 11.206, 55.793

52, 35.416,
254.674

83, 17.016, 55.298

87, 22.880, 54.885

50, 38.311,
259.234

88, 23.263, 64.076

48, 41.077,
264.032

90, 24.050, 73.264

Harmonies

Complementary

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



65, 15.822, 240.772



63, 18.600, 54.802

Rectangle

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



65, 15.822, 240.772



65, 15.822, 290.772



65, 15.822, 60.772



65, 15.822, 110.772

Sweetspot

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



65, 15.821, 240.768



90, 6.106, 238.127



69, 28.821, 153.188



48, 4.266, 238.265



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, 15.821, 240.768



81, 22.986, 241.854



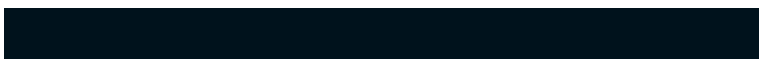
58, 26.193, 286.462



37, 3.121, 238.145



41, 36.313, 263.347



5, 8.926, 251.287

Inverse Universe

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



60, 28.979, 338.473



73, 42.712, 339.035



70, 25.094, 98.945



36, 5.421, 336.805



34, 62.255, 348.010



3, 13.553, 341.882

Previews

White Background



This preview shows how the CIELCh color 65, 15.822, 240.772 looks on a white background.

Color Contrast Check

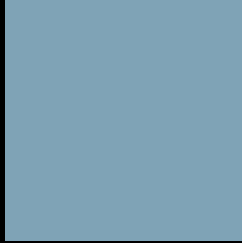
Large Text (above 18pt) WCAG AA × Fail

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, 15.822, 240.772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

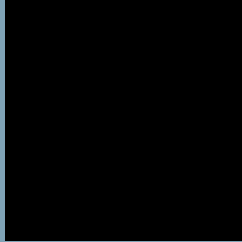
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

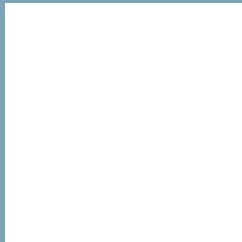
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 15.822, 240.772

Background



This preview shows how black text looks on a background with the CIELCh color 65, 15.822, 240.772.



This preview shows how white text looks on a background with the CIELCh color 65, 15.822, 240.772.

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, 15.822, 240.772

Protanopia

65, 12.252, 288.108

Deuteranopia

65, 16.886, 299.203



Tritanopia
65, 14.674, 228.136

Trichromacy



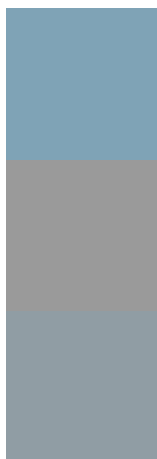
Original Color
65, 15.822, 240.772

Protanomaly
65, 12.177, 265.565

Deuteranomaly
65, 14.725, 279.305

Tritanomaly
65, 15.146, 232.093

Monochromacy



Original Color
65, 15.822, 240.772

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 6.103, 239.002

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 15.822, 240.772 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, 163, 182)` looks like.

```
.text, #text, p{  
    color:rgb(127, 163, 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(127, 163, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 163, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 15.822, 240.772 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, 163, 182) }
```

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

```
.border{ border-color:rgb(127, 163, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 163, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 163, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 163, 182);  
box-shadow:4px 4px 4px 4px rgb(127, 163,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 15.822, 240.772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 163, 182) }
```

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

```
.background{ background-color: rgb(127,  
163, 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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