

Converting Colors

CIELCh(65, 19.775, 223.191)

Have a look what the booklet for
CIELCh(65, 19.775, 223.191)
contains.

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Color

CIELCh(65, 19.775, 223.191)

Conversions

Conversions Part 1

Format	Color
Hex	6EA6B5
RGB	110, 166, 181
RGB Percent	43%, 65%, 71%
CMY	0.5676, 0.3480, 0.2891
CMYK	0.39, 0.08, 0.00, 0.29
HSL	193°, 32%, 57%
HSV	193°, 39%, 71%
XYZ	28.5151, 34.0472, 48.9283
YIQ	150.9660, -38.1910, -7.2070

Conversions

Conversions Part 2

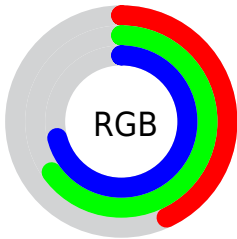
Format	Color
R _Y B	110, 141, 181
Decimal	7251637
CIE Lab	65.00, -14.42, -13.53
CIE LCh	65, 19.775, 223.191
Yxy	34.0472, 0.2558, 0.3054
Android (android.graphics.Color)	4285441717 (0xFF6EA6B5)
YUV	150.9660, 14.8068, -35.9272
Hunter-Lab	58.3500, -14.8810, -8.8716

Details

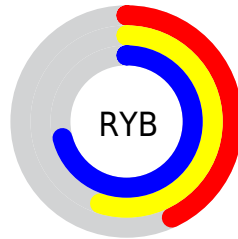
The CIELCh color $65, 19.775, 223.191$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $58, 26.077, 40.477$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 19.887, 223.520$, and $45, 19.722, 222.952$ is the 20% darker color. If you saturate the color by 10%, you get $63, 23.712, 224.402$, and if you desaturate by 10%, it is $67, 15.307, 222.282$.

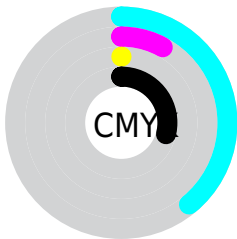
Distribution



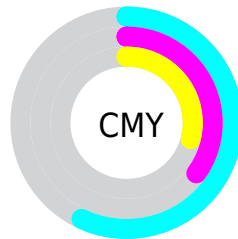
- Red (43%)
- Green (65%)
- Blue (71%)



- Red (43%)
- Yellow (55%)
- Blue (71%)



- Cyan (39%)
- Magenta (8%)
- Yellow (0%)
- Black (29%)





- Cyan (57%)
- Magenta (35%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 19.775, 223.191 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, 19.775, 223.191 by changing the saturation by 10% instead.


 65, 19.775,
223.191


 65, 19.775,
223.191


 100, 19.775,
223.191


 55, 19.775,
223.191


 85, 19.775,
223.191

 45, 19.775,
223.191

 95, 19.775,
223.191

 35, 19.775,
223.191

 25, 19.775,
223.191

 15, 19.775,
223.191

 5, 19.775, 223.191

 0, 19.775, 223.191

65, 19.775,
223.191

65, 19.775,
223.191

63, 23.712,
224.402

67, 15.307,
222.282

61, 27.046,
225.996

69, 10.390,
221.626

59, 29.729,
228.050

72, 5.106, 221.196

58, 31.750,
230.651

74, 0.471, 39.702

76, 6.272, 40.475

56, 33.159,
233.869

79, 12.242, 40.391

55, 34.135,
237.643

82, 18.333, 40.351

84, 24.400, 40.439

55, 34.216,
237.958

85, 23.806, 45.894

Harmonies

Complementary

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



65, 19.775, 223.191



58, 26.077, 40.477

Rectangle

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



65, 19.775, 223.191



65, 19.775, 273.191



65, 19.775, 43.191



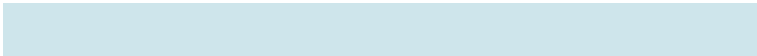
65, 19.775, 93.191

Sweetspot

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



65, 19.775, 223.188



89, 8.177, 221.300



68, 40.989, 147.361



47, 5.402, 221.352



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



65, 19.775, 223.188



80, 28.143, 224.213



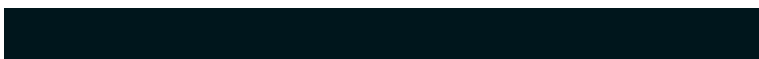
55, 29.046, 280.021



38, 3.186, 221.202



48, 30.515, 237.421



6, 8.523, 231.211

Inverse Universe

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



56, 40.800, 333.494



67, 59.633, 334.114



67, 28.786, 88.736



36, 5.966, 331.476



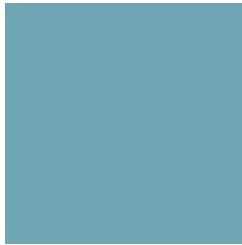
35, 67.981, 338.680



3, 15.224, 334.501

Previews

White Background



This preview shows how the CIELCh color 65, 19.775, 223.191 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 CIE LCh color 65, 19.775, 223.191 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, 19.775, 223.191

Background



This preview shows how black text looks on a background with the CIELCh color 65, 19.775, 223.191.



This preview shows how white text looks on a background with the CIELCh color 65, 19.775, 223.191.

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, 19.775, 223.191

Protanopia

65, 10.576, 289.332

Deuteranopia

65, 17.457, 299.016



Tritanopia
65, 19.625, 221.585

Trichromacy



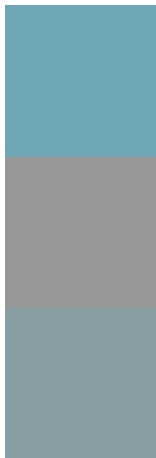
Original Color
65, 19.775, 223.191

Protanomaly
65, 11.816, 252.441

Deuteranomaly
65, 14.941, 268.386

Tritanomaly
65, 19.625, 221.585

Monochromacy



Original Color
65, 19.775, 223.191

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 8.086, 219.106

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 19.775, 223.191 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(110, 166, 181)` looks like.

```
.text, #text, p{  
    color:rgb(110, 166, 181)  
}
```

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(110, 166, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 166, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 19.775, 223.191 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(110, 166, 181) }
```

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

```
.border{ border-color:rgb(110, 166, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 166, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 166, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 166, 181);  
box-shadow:4px 4px 4px 4px rgb(110, 166,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 19.775, 223.191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 166, 181) }
```

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

```
.background{ background-color: rgb(110,  
166, 181) }
```

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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