

Converting Colors

CIELCh(65, 19.130, 207.788)

Have a look what the booklet for
CIELCh(65, 19.130, 207.788)
contains.

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Color

CIELCh(65, 18.964, 208.098)

Conversions

Conversions Part 1

Format	Color
Hex	6FA7AD
RGB	111, 167, 173
RGB Percent	44%, 65%, 68%
CMY	0.5646, 0.3450, 0.3215
CMYK	0.36, 0.03, 0.00, 0.32
HSL	186°, 27%, 56%
HSV	186°, 36%, 68%
XYZ	27.9284, 34.0472, 44.6490
YIQ	150.9400, -35.3020, -10.0060

Conversions

Conversions Part 2

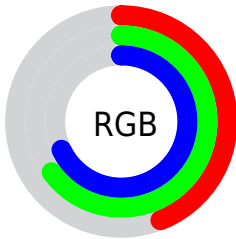
Format	Color
RYB	111, 140, 173
Decimal	7317421
CIELab	65.00, -16.73, -8.93
CIElCh	65, 18.964, 208.098
Yxy	34.0472, 0.2619, 0.3193
Android (android.graphics.Color)	4285507501 (0xFF6FA7AD)
YUV	150.9400, 10.8756, -35.0274
Hunter-Lab	58.3500, -16.6758, -4.5233

Details

The CIELCh color `65, 18.964, 208.098` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `55, 24.525, 29.991`, and the grayscale version is `62, 0.008, 296.813`.

A 20% lighter version of the original color is `85, 18.904, 207.858`, and `45, 18.920, 208.450` is the 20% darker color. If you saturate the color by 10%, you get `64, 23.137, 208.316`, and if you desaturate by 10%, it is `66, 14.223, 208.024`.

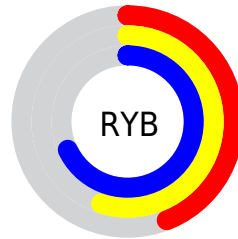
Distribution



Red (44%)

Green (65%)

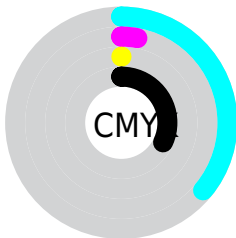
Blue (68%)



Red (44%)

Yellow (55%)

Blue (68%)

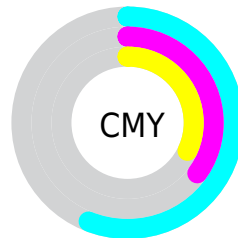


Cyan (36%)

Magenta (3%)

Yellow (0%)

Black (32%)



Cyan (56%)


Magenta (35%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 18.964, 208.098 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, 18.964, 208.098 by changing the saturation by 10% instead.

 65, 18.964,
208.098


 65, 18.964,
208.098


 100, 18.964,
208.098


 55, 18.964,
208.098


 85, 18.964,
208.098

 45, 18.964,
208.098

 95, 18.964,
208.098

 35, 18.964,
208.098

 25, 18.964,
208.098

 15, 18.964,
208.098

 5, 18.964, 208.098

 0, 18.964, 208.098

65, 18.964,
208.098

65, 18.964,
208.098

64, 23.137,
208.316

66, 14.223,
208.024

63, 26.653,
208.717

68, 9.007, 208.083

61, 29.444,
209.331

70, 3.407, 208.309

71, 2.490, 28.171

61, 31.471,
210.194

73, 8.610, 28.580

60, 32.739,
211.342

75, 14.890, 28.915

77, 21.279, 29.266

59, 33.317,
212.798

80, 27.733, 29.634

59, 33.470,
213.448

81, 29.479, 30.945

Harmonies

Complementary

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



65, 18.964, 208.098



55, 24.525, 29.991

Rectangle

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



65, 18.964, 208.098



65, 18.964, 258.098



65, 18.964, 28.098



65, 18.964, 78.098

Sweetspot

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



65, 18.964, 208.095



87, 7.834, 208.157



65, 39.345, 144.118



46, 5.238, 208.133



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



65, 18.964, 208.095



81, 27.102, 208.256



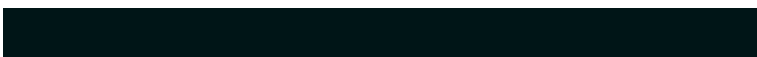
56, 22.031, 269.768



36, 3.285, 208.199



52, 30.223, 213.234



5, 6.884, 212.579

Inverse Universe

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



55, 38.976, 329.225



67, 57.262, 329.677



62, 23.148, 79.222



34, 6.168, 327.676



35, 72.351, 332.426



2, 12.592, 328.456

Previews

White Background



This preview shows how the CIELCh color 65, 18.964, 208.098 looks on a white background.

Color Contrast Check

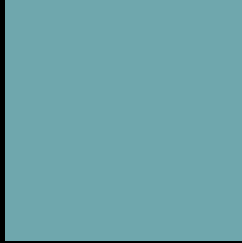
Large Text (above 18pt) WCAG AA × Fail

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, 18.964, 208.098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

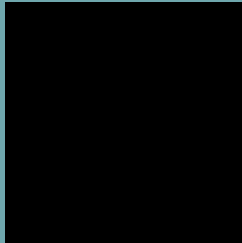
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 18.964, 208.098

Background



This preview shows how black text looks on a background with the CIELCh color 65, 18.964, 208.098.

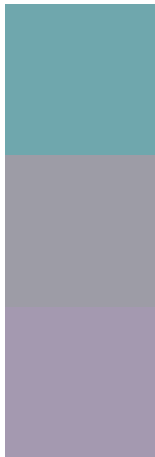


This preview shows how white text looks on a background with the CIELCh color 65, 18.964, 208.098.

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, 18.964, 208.098

Protanopia
65, 5.588, 294.606

Deuteranopia
65, 13.493, 308.898



Tritanopia
65, 18.704, 220.982

Trichromacy



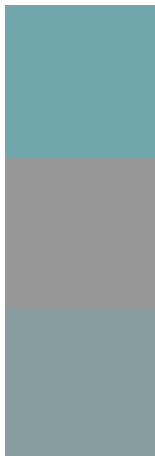
Original Color
65, 18.964, 208.098

Protanomaly
65, 8.665, 234.364

Deuteranomaly
65, 10.428, 264.708

Tritanomaly
65, 18.725, 217.232

Monochromacy



Original Color
65, 18.964, 208.098

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 7.780, 207.072

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 18.964, 208.098 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(111, 167, 173)` looks like.

```
.text, #text, p{  
    color:rgb(111, 167, 173)  
}
```

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(111, 167, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 167, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 18.964, 208.098 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(111, 167, 173) }
```

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

```
.border{ border-color:rgb(111, 167, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 167, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 167, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 167, 173);  
box-shadow:4px 4px 4px 4px rgb(111, 167,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 18.964, 208.098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 167, 173) }
```

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

```
.background{ background-color: rgb(111,  
167, 173) }
```

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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