

Converting Colors

CIELCh(65, 18.436, 197.753)

Have a look what the booklet for
CIELCh(65, 18.436, 197.753)
contains.

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Color

CIELCh(65, 18.241, 197.873)

Conversions

Conversions Part 1

Format	Color
Hex	72A7A7
RGB	114, 167, 167
RGB Percent	45%, 65%, 65%
CMY	0.5526, 0.3447, 0.3447
CMYK	0.32, 0.00, 0.00, 0.34
HSL	180°, 23%, 55%
HSV	180°, 32%, 66%
XYZ	27.7695, 34.0472, 41.7109
YIQ	151.1530, -31.5880, -11.2360

Conversions

Conversions Part 2

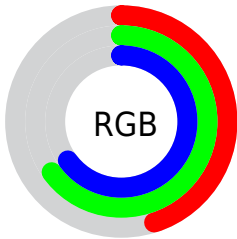
Format	Color
RYB	114, 141, 167
Decimal	7514023
CIELab	65.00, -17.36, -5.60
CIELCh	65, 18.241, 197.873
Yxy	34.0472, 0.2682, 0.3289
Android (android.graphics.Color)	4285704103 (0xFF72A7A7)
YUV	151.1530, 7.8126, -32.5832
Hunter-Lab	58.3500, -17.1619, -1.5379

Details

The CIELCh color $65, 18.241, 197.873$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $53, 22.599, 22.055$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 18.082, 198.183$, and $45, 18.172, 197.406$ is the 20% darker color. If you saturate the color by 10%, you get $64, 22.980, 197.473$, and if you desaturate by 10%, it is $66, 12.947, 198.325$.

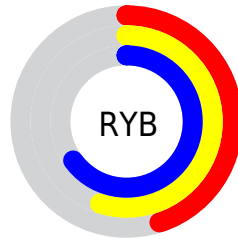
Distribution



Red (45%)

Green (65%)

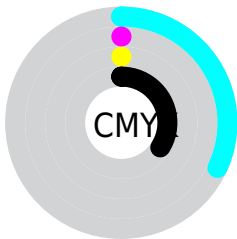
Blue (65%)



Red (45%)

Yellow (55%)

Blue (65%)

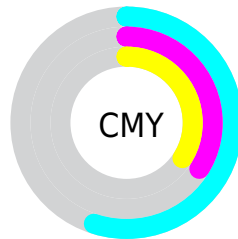


Cyan (32%)

Magenta (0%)

Yellow (0%)

Black (34%)



Cyan (55%)


Magenta (34%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 18.241, 197.873 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, 18.241, 197.873 by changing the saturation by 10% instead.


 65, 18.241,
197.873


 65, 18.241,
197.873


 100, 18.241,
197.873


 55, 18.241,
197.873


 85, 18.241,
197.873

 45, 18.241,
197.873

 95, 18.241,
197.873

 35, 18.241,
197.873

 25, 18.241,
197.873

 15, 18.241,
197.873

 5, 18.241, 197.873

 0, 18.241, 197.873

65, 18.241,
197.873

65, 18.241,
197.873

64, 22.980,
197.473

66, 12.947,
198.325

64, 27.070,
197.136

67, 7.194, 198.845

68, 1.081, 199.754

63, 30.441,
196.863

70, 5.304, 19.777

63, 33.046,
196.655

71, 11.880, 20.412

62, 34.880,
196.509

73, 18.581, 21.028

74, 25.351, 21.647

62, 35.984,
196.422

76, 32.146, 22.268

62, 36.519,
196.379

77, 35.087, 22.536

Harmonies

Complementary

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



65, 18.241, 197.873



53, 22.599, 22.055

Rectangle

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



65, 18.241, 197.873



65, 18.241, 247.873



65, 18.241, 17.873



65, 18.241, 67.873

Sweetspot

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



65, 18.241, 197.870



85, 7.616, 198.934



64, 35.720, 141.851



45, 5.219, 198.856



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



65, 18.241, 197.870



82, 26.228, 197.587



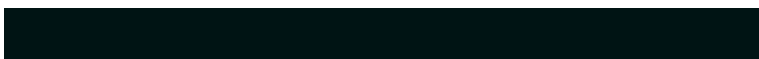
58, 17.000, 258.492



35, 3.516, 198.987



55, 33.389, 196.379



5, 6.572, 199.416

Inverse Universe

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



53, 22.599, 22.055



65, 34.283, 23.003



60, 18.710, 69.796



33, 3.724, 19.903



30, 69.025, 39.357



1, 6.572, 19.402

Previews

White Background



This preview shows how the CIELCh color 65, 18.241, 197.873 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, 18.241, 197.873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

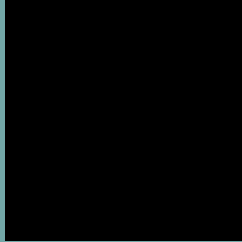
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 18.241, 197.873

Background



This preview shows how black text looks on a background with the CIELCh color 65, 18.241, 197.873.

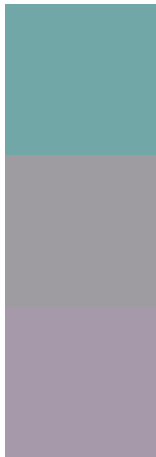


This preview shows how white text looks on a background with the CIELCh color 65, 18.241, 197.873.

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, 18.241, 197.873

Protanopia
65, 3.025, 312.566

Deuteranopia
65, 10.694, 318.152



Tritanopia
65, 17.551, 224.738

Trichromacy



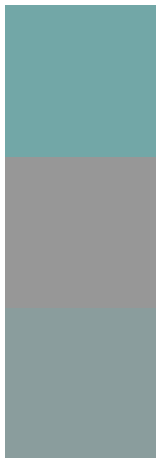
Original Color
65, 18.241, 197.873

Protanomaly
65, 6.444, 213.998

Deuteranomaly
65, 7.240, 257.178

Tritanomaly
65, 17.423, 214.889

Monochromacy



Original Color
65, 18.241, 197.873

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 7.054, 198.831

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 18.241, 197.873 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(114, 167, 167)` looks like.

```
.text, #text, p{  
    color:rgb(114, 167, 167)  
}
```

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(114, 167, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 167, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 18.241, 197.873 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(114, 167, 167) }
```

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

```
.border{ border-color:rgb(114, 167, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 167, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 167, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 167, 167);  
box-shadow:4px 4px 4px 4px rgb(114, 167,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 18.241, 197.873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 167, 167) }
```

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

```
.background{ background-color: rgb(114,  
167, 167) }
```

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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