

Converting Colors

CIELCh(65, 18.654, 240.008)

Have a look what the booklet for
CIELCh(65, 18.654, 240.008)
contains.

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Color

CIELCh(65, 18.565, 239.980)

Conversions

Conversions Part 1

Format	Color
Hex	78A4BA
RGB	120, 164, 186
RGB Percent	47%, 64%, 73%
CMY	0.5297, 0.3572, 0.2709
CMYK	0.35, 0.12, 0.00, 0.27
HSL	200°, 32%, 60%
HSV	200°, 35%, 73%
XYZ	29.8462, 34.0472, 51.4025
YIQ	153.3520, -33.2860, -2.4860

Conversions

Conversions Part 2

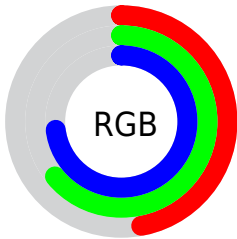
Format	Color
RYB	120, 146, 186
Decimal	7906490
CIELab	65.00, -9.29, -16.07
CIELCh	65, 18.565, 239.980
Yxy	34.0472, 0.2589, 0.2953
Android (android.graphics.Color)	4286096570 (0xFF78A4BA)
YUV	153.3520, 16.0955, -29.2497
Hunter-Lab	58.3500, -10.8090, -11.3857

Details

The CIELCh color **65, 18.565, 239.980** is a light color, and the websafe version is hex **669999**. A complement of this color would be **63, 22.703, 53.124**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 18.574, 239.541**, and **45, 18.637, 240.860** is the 20% darker color. If you saturate the color by 10%, you get **62, 23.076, 241.908**, and if you desaturate by 10%, it is **68, 13.689, 238.432**.

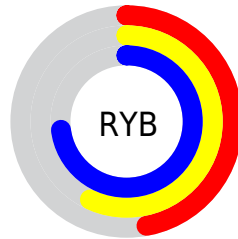
Distribution



Red (47%)

Green (64%)

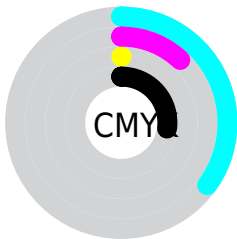
Blue (73%)



Red (47%)

Yellow (57%)

Blue (73%)

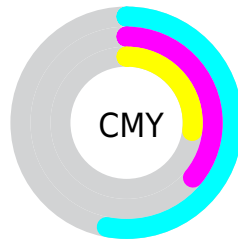


Cyan (35%)

Magenta (12%)

Yellow (0%)

Black (27%)



Cyan (53%)

Magenta (36%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 18.565, 239.980 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, 18.565, 239.980 by changing the saturation by 10% instead.

■ 65, 18.565,
239.980

■ 65, 18.565,
239.980

■ 100, 18.565,
239.980

■ 55, 18.565,
239.980

■ 85, 18.565,
239.980

■ 45, 18.565,
239.980

■ 95, 18.565,
239.980

■ 35, 18.565,
239.980

■ 25, 18.565,
239.980

■ 15, 18.565,
239.980

■ 5, 18.565, 239.980

■ 0, 18.565, 239.980

65, 18.565,
239.980

65, 18.565,
239.980

62, 23.076,
241.908

68, 13.689,
238.432

60, 27.178,
244.306

71, 8.508, 237.207

74, 3.077, 236.302

57, 30.844,
247.258

77, 2.549, 55.167

55, 34.089,
250.834

80, 8.322, 54.643

52, 36.980,
255.066

83, 14.204, 54.138

86, 20.160, 53.718

50, 39.648,
259.896

88, 21.766, 61.027

49, 40.870,
262.089

90, 22.371, 70.840

Harmonies

Complementary

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



65, 18.565, 239.980



63, 22.703, 53.124

Rectangle

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



65, 18.565, 239.980



65, 18.565, 289.980



65, 18.565, 59.980



65, 18.565, 109.980

Sweetspot

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



65, 18.564, 239.977



91, 7.551, 236.768



70, 34.795, 151.970



49, 5.101, 236.900



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



65, 18.564, 239.977



80, 27.199, 241.531



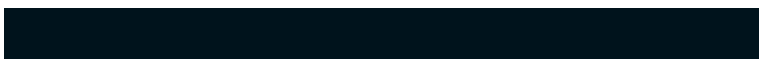
56, 30.956, 286.523



37, 3.115, 236.599



42, 35.538, 261.316



5, 8.852, 249.694

Inverse Universe

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



59, 34.859, 338.376



71, 51.973, 339.125



71, 29.511, 97.314



36, 5.468, 336.279



34, 62.688, 347.073



3, 13.684, 341.193

Previews

White Background



This preview shows how the CIELCh color 65, 18.565, 239.980 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, 18.565, 239.980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

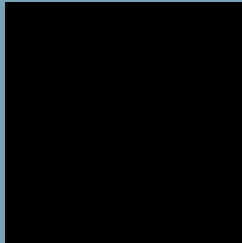
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

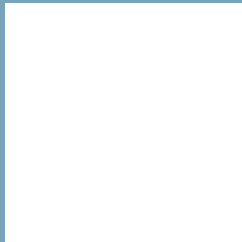
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 18.565, 239.980

Background



This preview shows how black text looks on a background with the CIELCh color 65, 18.565, 239.980.



This preview shows how white text looks on a background with the CIELCh color 65, 18.565, 239.980.

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





Tritanopia
65, 17.111, 223.389

Trichromacy



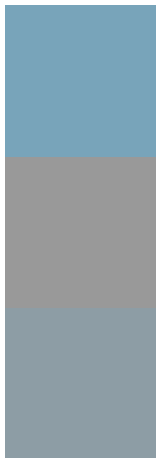
Original Color
65, 18.565, 239.980

Protanomaly
65, 14.555, 266.151

Deuteranomaly
65, 16.692, 275.052

Tritanomaly
65, 17.432, 229.196

Monochromacy



Original Color
65, 18.565, 239.980

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 7.260, 237.097

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 18.565, 239.980 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(120, 164, 186)` looks like.

```
.text, #text, p{  
    color:rgb(120, 164, 186)  
}
```

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(120, 164, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 164, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 18.565, 239.980 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(120, 164, 186) }
```

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

```
.border{ border-color:rgb(120, 164, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 164, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 164, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 164, 186);  
box-shadow:4px 4px 4px 4px rgb(120, 164,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 18.565, 239.980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 164, 186) }
```

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

```
.background{ background-color: rgb(120,  
164, 186) }
```

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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