

Converting Colors

CIELCh(65, 18.464, 257.919)

Have a look what the booklet for
CIELCh(65, 18.464, 257.919)
contains.

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Color

CIELCh(65, 18.789, 258.523)

Conversions

Conversions Part 1

Format	Color
Hex	82A1BE
RGB	130, 161, 190
RGB Percent	51%, 63%, 75%
CMY	0.4894, 0.3678, 0.2541
CMYK	0.32, 0.15, 0.00, 0.25
HSL	209°, 32%, 63%
HSV	209°, 32%, 75%
XYZ	31.3324, 34.0472, 53.7534
YIQ	155.0370, -27.7850, 2.4470

Conversions

Conversions Part 2

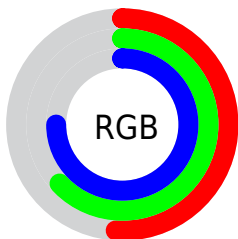
Format	Color
RYB	130, 150, 190
Decimal	8561086
CIELab	65.00, -3.74, -18.41
CIElCh	65, 18.789, 258.523
Yxy	34.0472, 0.2630, 0.2858
Android (android.graphics.Color)	4286751166 (0xFF82A1BE)
YUV	155.0370, 17.2368, -21.9574
Hunter-Lab	58.3500, -6.2627, -13.7744

Details

The CIELCh color $65, 18.789, 258.523$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $68, 20.686, 69.783$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 18.600, 257.441$, and $45, 18.903, 257.779$ is the 20% darker color. If you saturate the color by 10%, you get $61, 24.504, 260.730$, and if you desaturate by 10%, it is $69, 12.940, 256.674$.

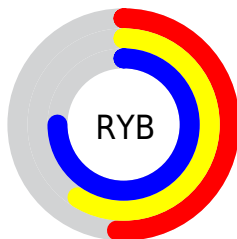
Distribution



Red (51%)

Green (63%)

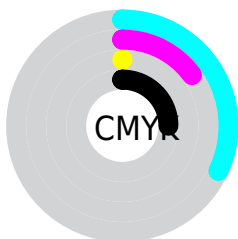
Blue (75%)



Red (51%)

Yellow (59%)

Blue (75%)

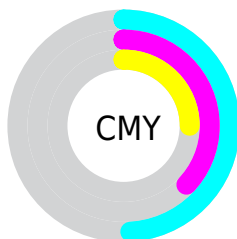


Cyan (32%)

Magenta (15%)

Yellow (0%)

Black (25%)



Cyan (49%)


Magenta (37%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 18.789, 258.523 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, 18.789, 258.523 by changing the saturation by 10% instead.


 65, 18.789,
258.523


 65, 18.789,
258.523


 100, 18.789,
258.523


 55, 18.789,
258.523


 85, 18.789,
258.523

 45, 18.789,
258.523

 95, 18.789,
258.523

 35, 18.789,
258.523

 25, 18.789,
258.523

 15, 18.789,
258.523

 5, 18.789, 258.523

 0, 18.789, 258.523

65, 18.789,
258.523

65, 18.789,
258.523

61, 24.504,
260.730

69, 12.940,
256.674

58, 30.075,
263.363

73, 6.984, 255.141

76, 0.947, 254.164

54, 35.505,
266.472

80, 5.144, 72.593

51, 40.831,
270.088

84, 11.267, 71.682

47, 46.119,
274.187

88, 17.399, 70.877

91, 21.574, 76.886

44, 51.469,
278.666

94, 24.146, 89.504

42, 56.134,
282.487

96, 27.642, 99.206

Harmonies

Complementary

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



65, 18.789, 258.523



68, 20.686, 69.783

Rectangle

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



65, 18.789, 258.523



65, 18.789, 308.523



65, 18.789, 78.523



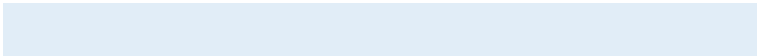
65, 18.789, 128.523

Sweetspot

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



65, 18.788, 258.520



93, 6.748, 254.819



72, 27.697, 159.862



49, 4.723, 255.014



99, 0.012, 296.813



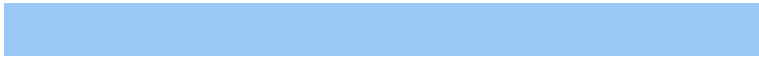
52, 0.007, 296.813

Same Dimension

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



65, 18.788, 258.520



79, 27.824, 260.040



57, 33.712, 293.453



38, 3.410, 254.845



35, 48.299, 281.788



4, 11.362, 267.033

Inverse Universe

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



61, 28.690, 345.647



74, 42.746, 346.458



75, 31.301, 106.438



37, 5.036, 343.482



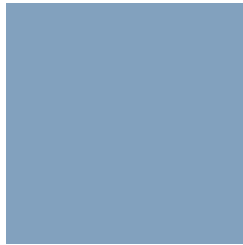
34, 59.546, 359.894



3, 14.082, 350.627

Previews

White Background



This preview shows how the CIELCh color 65, 18.789, 258.523 looks on a white background.

Color Contrast Check

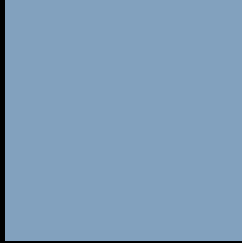
Large Text (above 18pt) WCAG AA × Fail

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, 18.789, 258.523 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

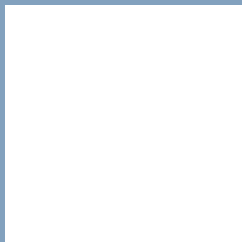
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 18.789, 258.523

Background



This preview shows how black text looks on a background with the CIELCh color 65, 18.789, 258.523.



This preview shows how white text looks on a background with the CIELCh color 65, 18.789, 258.523.

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, 18.789, 258.523

Protanopia

65, 17.296, 286.201

Deuteranopia

65, 21.178, 293.323



Tritanopia
65, 14.402, 228.773

Trichromacy



Original Color
65, 18.789, 258.523

Protanomaly
65, 17.305, 274.614

Deuteranomaly
65, 19.172, 280.841

Tritanomaly
65, 15.592, 241.552

Monochromacy



Original Color
65, 18.789, 258.523

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 7.248, 257.188

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 18.789, 258.523 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(130, 161, 190)` looks like.

```
.text, #text, p{  
    color:rgb(130, 161, 190)  
}
```

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(130, 161, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 161, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 18.789, 258.523 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(130, 161, 190) }
```

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

```
.border{ border-color:rgb(130, 161, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 161, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 161, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 161, 190);  
box-shadow:4px 4px 4px 4px rgb(130, 161,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 18.789, 258.523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 161, 190) }
```

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

```
.background{ background-color: rgb(130,  
161, 190) }
```

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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