

Converting Colors

CIELCh(65, 10.663, 249.107)

Have a look what the booklet for
CIELCh(65, 10.663, 249.107)
contains.

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Color

CIELCh(65, 10.606, 246.369)

Conversions

Conversions Part 1

Format	Color
Hex	8CA1AF
RGB	140, 161, 175
RGB Percent	55%, 63%, 69%
CMY	0.4519, 0.3695, 0.3147
CMYK	0.20, 0.08, 0.00, 0.31
HSL	204°, 18%, 62%
HSV	204°, 20%, 69%
XYZ	31.1930, 34.0472, 45.3603
YIQ	156.3170, -17.0100, -0.0980

Conversions

Conversions Part 2

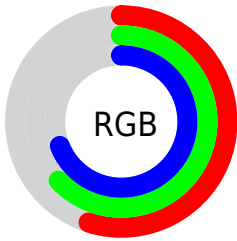
Format	Color
RYB	140, 153, 175
Decimal	9216431
CIELab	65.00, -4.25, -9.72
CIELCh	65, 10.606, 246.369
Yxy	34.0472, 0.2820, 0.3078
Android (android.graphics.Color)	4287406511 (0xFF8CA1AF)
YUV	156.3170, 9.2107, -14.3100
Hunter-Lab	58.3500, -6.6890, -5.2461

Details

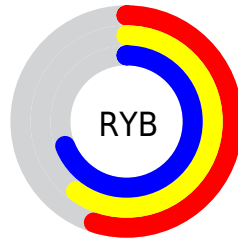
The CIELCh color $65, 10.606, 246.369$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 11.547, 61.857$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 10.734, 246.531$, and $45, 10.760, 245.139$ is the 20% darker color. If you saturate the color by 10%, you get $62, 15.634, 247.971$, and if you desaturate by 10%, it is $68, 5.386, 245.063$.

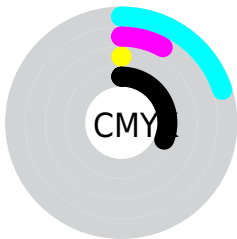
Distribution



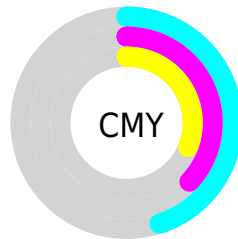
- Red (55%)
- Green (63%)
- Blue (69%)



- Red (55%)
- Yellow (60%)
- Blue (69%)



- Cyan (20%)
- Magenta (8%)
- Yellow (0%)
- Black (31%)





- Cyan (45%)
- Magenta (37%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 10.606, 246.369 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, 10.606, 246.369 by changing the saturation by 10% instead.


 65, 10.606,
246.369


 65, 10.606,
246.369


 100, 10.606,
246.369


 55, 10.606,
246.369


 85, 10.606,
246.369

 45, 10.606,
246.369

 95, 10.606,
246.369

 35, 10.606,
246.369

 25, 10.606,
246.369

 15, 10.606,
246.369

 5, 10.606, 246.369

 0, 10.606, 246.369

65, 10.606,
246.369

65, 10.606,
246.369

62, 15.634,
247.971

68, 5.386, 245.063

59, 20.433,
249.939

71, 0.019, 265.662

75, 5.464, 62.893

56, 24.968,
252.334

78, 11.027, 62.162

53, 29.220,
255.229

81, 16.643, 61.527

84, 22.289, 60.982

50, 33.198,
258.685

87, 25.806, 64.574

48, 36.951,
262.727

89, 26.692, 73.759

91, 28.224, 82.107

45, 40.574,
267.308

43, 44.230,

Harmonies

Complementary

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



65, 10.606, 246.369



65, 11.547, 61.857

Rectangle

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



65, 10.606, 246.369



65, 10.606, 296.369



65, 10.606, 66.369



65, 10.606, 116.369

Sweetspot

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



65, 10.605, 246.362



88, 4.010, 244.653



68, 17.818, 156.289



47, 2.679, 244.713



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



65, 10.605, 246.362



81, 15.610, 247.029



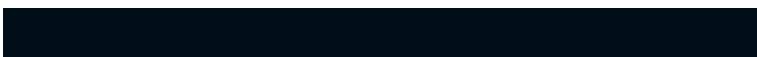
60, 17.477, 287.398



35, 3.026, 244.982



37, 39.238, 271.451



3, 6.822, 254.969

Inverse Universe

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



62, 17.856, 340.167



76, 26.527, 340.549



69, 16.902, 102.866



34, 4.975, 339.280



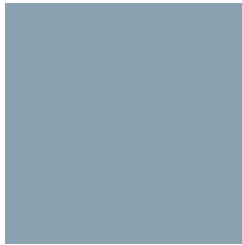
32, 59.125, 352.346



2, 9.737, 343.421

Previews

White Background



This preview shows how the CIELCh color 65, 10.606, 246.369 looks on a white background.

Color Contrast Check

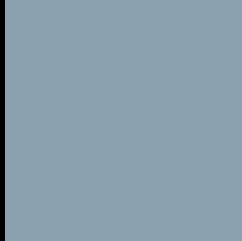
Large Text (above 18pt) WCAG AA × Fail

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, 10.606, 246.369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

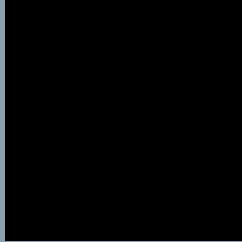
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

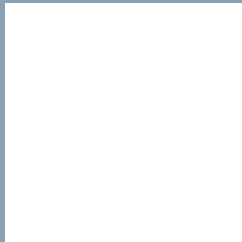
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 10.606, 246.369

Background



This preview shows how black text looks on a background with the CIELCh color 65, 10.606, 246.369.

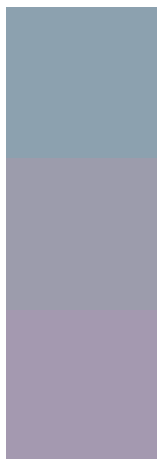


This preview shows how white text looks on a background with the CIELCh color 65, 10.606, 246.369.

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, 10.606, 246.369

Protanopia
65, 8.908, 291.125

Deuteranopia
65, 13.493, 308.898



Tritanopia
65, 10.235, 244.054

Trichromacy



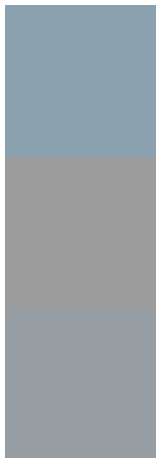
Original Color
65, 10.606, 246.369

Protanomaly
65, 8.768, 271.747

Deuteranomaly
65, 11.132, 289.493

Tritanomaly
65, 10.235, 244.054

Monochromacy



Original Color
65, 10.606, 246.369

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 4.038, 242.943

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 10.606, 246.369 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(140, 161, 175)` looks like.

```
.text, #text, p{  
    color:rgb(140, 161, 175)  
}
```

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(140, 161, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 161, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 10.606, 246.369 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(140, 161, 175) }
```

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

```
.border{ border-color:rgb(140, 161, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 161, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 161, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 161, 175);  
box-shadow:4px 4px 4px 4px rgb(140, 161,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 10.606, 246.369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 161, 175) }
```

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

```
.background{ background-color: rgb(140,  
161, 175) }
```

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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