

Converting Colors

CIELCh(65, 14.473, 238.801)

Have a look what the booklet for
CIELCh(65, 14.473, 238.801)
contains.

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Color

CIELCh(65, 14.411, 236.955)

Conversions

Conversions Part 1

Format	Color
Hex	81A3B3
RGB	129, 163, 179
RGB Percent	51%, 64%, 70%
CMY	0.4947, 0.3613, 0.2986
CMYK	0.28, 0.09, 0.00, 0.30
HSL	199°, 25%, 60%
HSV	199°, 28%, 70%
XYZ	30.2245, 34.0472, 47.5475
YIQ	154.6580, -25.4000, -2.2320

Conversions

Conversions Part 2

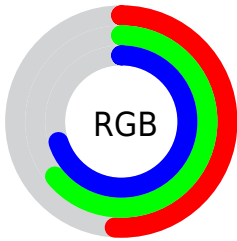
Format	Color
R_{YB}	129, 149, 179
Decimal	8496051
CIE _{Lab}	65.00, -7.86, -12.08
CIE _{LCh}	65, 14.411, 236.955
Yxy	34.0472, 0.2703, 0.3045
Android (android.graphics.Color)	4286686131 (0xFF81A3B3)
YUV	154.6580, 12.0006, -22.5021
Hunter-Lab	58.3500, -9.6517, -7.4686

Details

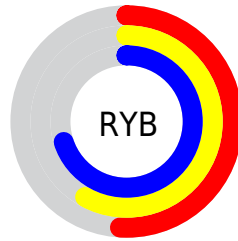
The CIELCh color $65, 14.411, 236.955$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $63, 16.874, 52.107$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 14.456, 237.178$, and $45, 14.350, 237.283$ is the 20% darker color. If you saturate the color by 10%, you get $62, 19.014, 238.507$, and if you desaturate by 10%, it is $68, 9.482, 235.719$.

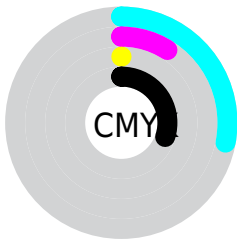
Distribution



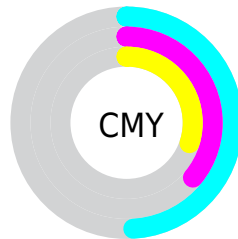
- Red (51%)
- Green (64%)
- Blue (70%)



- Red (51%)
- Yellow (58%)
- Blue (70%)



- Cyan (28%)
- Magenta (9%)
- Yellow (0%)
- Black (30%)





- Cyan (49%)
- Magenta (36%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 14.411, 236.955 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, 14.411, 236.955 by changing the saturation by 10% instead.


 65, 14.411,
236.955


 65, 14.411,
236.955


 100, 14.411,
236.955


 55, 14.411,
236.955


 85, 14.411,
236.955

 45, 14.411,
236.955


 95, 14.411,
236.955

 35, 14.411,
236.955

 25, 14.411,
236.955

 15, 14.411,
236.955

 5, 14.411, 236.955

 0, 14.411, 236.955

65, 14.411,
236.955

65, 14.411,
236.955

62, 19.014,
238.507

68, 9.482, 235.719

60, 23.236,
240.459

71, 4.288, 234.783

73, 1.118, 53.475

57, 27.030,
242.890

76, 6.685, 53.178

55, 30.376,
245.887

79, 12.372, 52.700

82, 18.144, 52.301

53, 33.293,
249.520

86, 23.972, 51.975

51, 35.857,
253.814

87, 24.190, 59.875

88, 24.606, 68.106

49, 38.228,
258.643

48, 38.731,

259.613

Harmonies

Complementary

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



65, 14.411, 236.955



63, 16.874, 52.107

Rectangle

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



65, 14.411, 236.955



65, 14.411, 286.955



65, 14.411, 56.955



65, 14.411, 106.955

Sweetspot

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



65, 14.411, 236.950



89, 5.329, 234.796



69, 26.641, 152.745



47, 3.807, 234.916



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



65, 14.411, 236.950



80, 21.265, 237.941



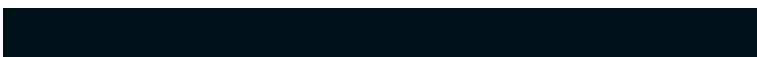
58, 23.329, 285.172



36, 3.041, 234.890



42, 34.292, 258.922



4, 7.667, 246.956

Inverse Universe

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



60, 26.890, 337.133



73, 40.357, 337.680



69, 22.518, 98.215



35, 5.393, 335.709



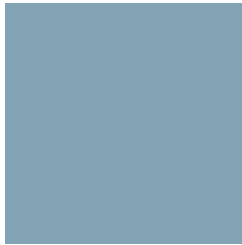
34, 62.442, 346.031



2, 12.007, 339.858

Previews

White Background



This preview shows how the CIELCh color 65, 14.411, 236.955 looks on a white background.

Color Contrast Check

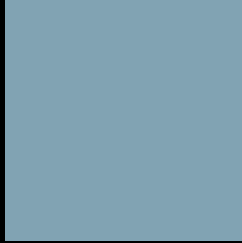
Large Text (above 18pt) WCAG AA × Fail

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, 14.411, 236.955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

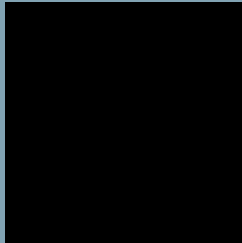
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

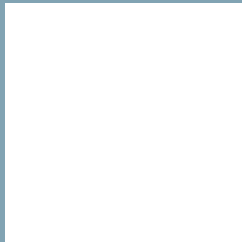
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 14.411, 236.955

Background



This preview shows how black text looks on a background with the CIELCh color 65, 14.411, 236.955.



This preview shows how white text looks on a background with the CIELCh color 65, 14.411, 236.955.

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, 14.411, 236.955

Protanopia
65, 10.576, 289.332

Deuteranopia
65, 15.923, 302.232



Tritanopia
65, 13.867, 230.145

Trichromacy



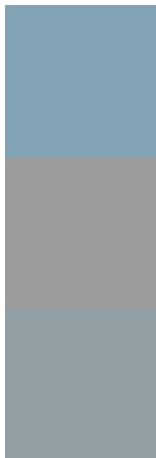
Original Color
65, 14.411, 236.955

Protanomaly
65, 10.922, 266.125

Deuteranomaly
65, 13.039, 278.955

Tritanomaly
65, 14.115, 232.227

Monochromacy



Original Color
65, 14.411, 236.955

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 5.779, 234.543

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 14.411, 236.955 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(129, 163, 179)` looks like.

```
.text, #text, p{  
    color:rgb(129, 163, 179)  
}
```

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(129, 163, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 163, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 14.411, 236.955 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(129, 163, 179) }
```

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

```
.border{ border-color:rgb(129, 163, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 163, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 163, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 163, 179);  
box-shadow:4px 4px 4px 4px rgb(129, 163,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 14.411, 236.955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 163, 179) }
```

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

```
.background{ background-color: rgb(129,  
163, 179) }
```

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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