

Converting Colors

CIELCh(65, 26.760, 294.387)

Have a look what the booklet for
CIELCh(65, 26.760, 294.387)
contains.

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Color

CIELCh(65, 26.760, 294.387)

Conversions

Conversions Part 1

Format	Color
Hex	9B99C9
RGB	155, 153, 201
RGB Percent	61%, 60%, 79%
CMY	0.3915, 0.3993, 0.2111
CMYK	0.23, 0.24, 0.00, 0.21
HSL	243°, 31%, 69%
HSV	243°, 24%, 79%
XYZ	35.5314, 34.0472, 60.0649
YIQ	159.0700, -14.2160, 15.3520

Conversions

Conversions Part 2

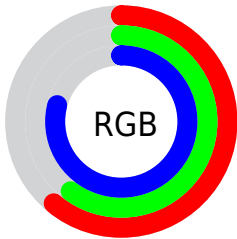
Format	Color
RYB	155, 153, 201
Decimal	10197449
CIELab	65.00, 11.05, -24.37
CIElCh	65, 26.760, 294.387
Yxy	34.0472, 0.2741, 0.2626
Android (android.graphics.Color)	4288387529 (0xFF9B99C9)
YUV	159.0700, 20.6715, -3.5694
Hunter-Lab	58.3500, 6.5828, -20.1876

Details

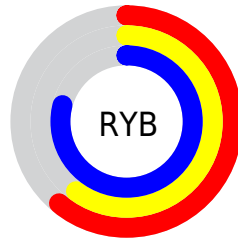
The CIELCh color $65, 26.760, 294.387$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $80, 25.306, 109.676$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 25.351, 294.534$, and $45, 26.910, 294.564$ is the 20% darker color. If you saturate the color by 10%, you get $58, 38.777, 295.783$, and if you desaturate by 10%, it is $72, 15.231, 293.192$.

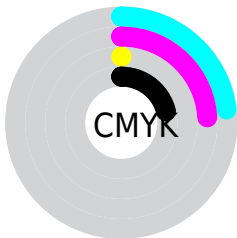
Distribution



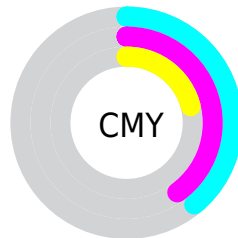
- Red (61%)
- Green (60%)
- Blue (79%)



- Red (61%)
- Yellow (60%)
- Blue (79%)



- Cyan (23%)
- Magenta (24%)
- Yellow (0%)
- Black (21%)





- Cyan (39%)
- Magenta (40%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 26.760, 294.387 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, 26.760, 294.387 by changing the saturation by 10% instead.


 65, 26.760,
294.387


 65, 26.760,
294.387


 100, 26.760,
294.387


 55, 26.760,
294.387


 85, 26.760,
294.387

 45, 26.760,
294.387

 95, 26.760,
294.387

 35, 26.760,
294.387

 25, 26.760,
294.387

 15, 26.760,
294.387

 5, 26.760, 294.387

 0, 26.760, 294.387

65, 26.760,
294.387

65, 26.760,
294.387

58, 38.777,
295.783

72, 15.231,
293.192

52, 51.293,
297.396

78, 4.167, 292.183

85, 6.467, 111.297

45, 64.241,
299.216

92, 16.703,
110.564

39, 77.380,
301.182

98, 26.568,
109.933

33, 90.092,
303.142

99, 27.147,
108.116

29, 101.132,
304.835

26, 108.738,
305.946

25, 111.727,

Harmonies

Complementary

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



65, 26.760, 294.387



80, 25.306, 109.676

Rectangle

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



65, 26.760, 294.387



65, 26.760, 344.387



65, 26.760, 114.387



65, 26.760, 164.387

Sweetspot

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



65, 26.759, 294.386



94, 9.202, 292.489



77, 15.857, 201.380



50, 5.986, 292.549



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 26.759, 294.386



76, 39.879, 295.134



67, 28.163, 311.314



38, 6.119, 292.717



19, 95.604, 306.430



1, 21.527, 292.848

Inverse Universe

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



69, 30.611, 326.896



83, 45.039, 327.203



78, 27.325, 129.152



39, 7.176, 326.074



38, 80.123, 329.946



4, 25.806, 328.409

Previews

White Background



This preview shows how the CIELCh color 65, 26.760, 294.387 looks on a white background.

Color Contrast Check

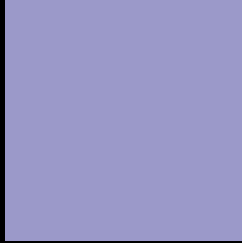
Large Text (above 18pt) WCAG AA × Fail

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, 26.760, 294.387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

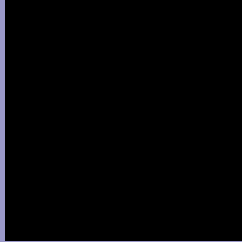
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 26.760, 294.387

Background



This preview shows how black text looks on a background with the CIELCh color 65, 26.760, 294.387.



This preview shows how white text looks on a background with the CIELCh color 65, 26.760, 294.387.

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, 26.760, 294.387

Protanopia

65, 26.273, 284.967

Deuteranopia

65, 25.601, 289.091



Tritanopia
65, 7.523, 261.948

Trichromacy



Original Color
65, 26.760, 294.387

Protanomaly
65, 26.169, 288.518

Deuteranomaly
65, 26.157, 291.423

Tritanomaly
65, 14.015, 282.924

Monochromacy



Original Color
65, 26.760, 294.387

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 9.465, 293.391

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 26.760, 294.387 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(155, 153, 201)` looks like.

```
.text, #text, p{  
    color:rgb(155, 153, 201)  
}
```

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(155, 153, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 153, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 26.760, 294.387 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(155, 153, 201) }
```

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

```
.border{ border-color:rgb(155, 153, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 153, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 153, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 153, 201);  
box-shadow:4px 4px 4px 4px rgb(155, 153,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 26.760, 294.387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 153, 201) }
```

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

```
.background{ background-color: rgb(155,  
153, 201) }
```

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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