

Converting Colors

CIELCh(65, 31.359, 304.526)

Have a look what the booklet for
CIELCh(65, 31.359, 304.526)
contains.

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Color

CIELCh(65, 31.359, 304.526)

Conversions

Conversions Part 1

Format	Color
Hex	A795CC
RGB	167, 149, 204
RGB Percent	65%, 58%, 80%
CMY	0.3453, 0.4159, 0.2002
CMYK	0.18, 0.27, 0.00, 0.20
HSL	260°, 35%, 69%
HSV	260°, 27%, 80%
XYZ	37.5589, 34.0472, 61.6868
YIQ	160.6520, -6.9270, 20.9210

Conversions

Conversions Part 2

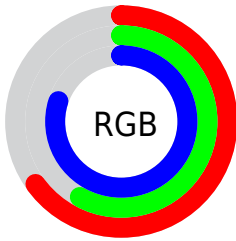
Format	Color
R_{YB}	167, 149, 204
Decimal	10982860
CIE _{Lab}	65.00, 17.77, -25.84
CIE _{LCh}	65, 31.359, 304.526
Yxy	34.0472, 0.2818, 0.2554
Android (android.graphics.Color)	4289172940 (0xFFA795CC)
YUV	160.6520, 21.3706, 5.5672
Hunter-Lab	58.3500, 12.7850, -21.8356

Details

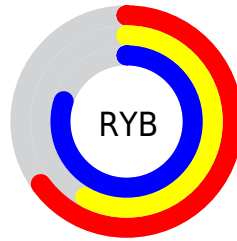
The CIELCh color $65, 31.359, 304.526$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $79, 29.788, 121.326$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 28.346, 306.076$, and $45, 31.681, 304.408$ is the 20% darker color. If you saturate the color by 10%, you get $59, 43.676, 305.298$, and if you desaturate by 10%, it is $71, 19.398, 303.826$.

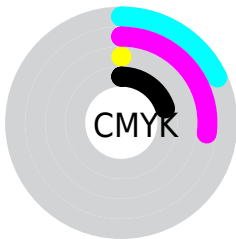
Distribution



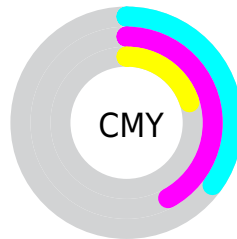
- Red (65%)
- Green (58%)
- Blue (80%)



- Red (65%)
- Yellow (58%)
- Blue (80%)



- Cyan (18%)
- Magenta (27%)
- Yellow (0%)
- Black (20%)





- Cyan (35%)
- Magenta (42%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 31.359, 304.526 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, 31.359, 304.526 by changing the saturation by 10% instead.


 65, 31.359,
304.526


 65, 31.359,
304.526


 100, 31.359,
304.526


 55, 31.359,
304.526


 85, 31.359,
304.526

 45, 31.359,
304.526

 95, 31.359,
304.526

 35, 31.359,
304.526

 25, 31.359,
304.526

 15, 31.359,
304.526

 5, 31.359, 304.526

 0, 31.359, 304.526

65, 31.359,
304.526

65, 31.359,
304.526

59, 43.676,
305.298

71, 19.398,
303.826

53, 56.260,
306.129

78, 7.831, 303.202

84, 3.340, 122.682

47, 68.905,
306.984

90, 14.124,
122.193

41, 81.212,
307.795

96, 24.540,
121.780

36, 92.481,
308.453

98, 25.869,
112.969

32, 101.680,
308.799

99, 25.760,
108.223

29, 107.768,
308.685

28, 109.301,

308.634

Harmonies

Complementary

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



65, 31.359, 304.526



79, 29.788, 121.326

Rectangle

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



65, 31.359, 304.526



65, 31.359, 354.526



65, 31.359, 124.526



65, 31.359, 174.526

Sweetspot

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



65, 31.357, 304.526



94, 10.803, 303.270



74, 15.490, 236.401



49, 7.697, 303.362



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, 31.357, 304.526



76, 45.008, 304.938



67, 34.279, 320.511



40, 6.404, 303.347



22, 93.520, 308.776



2, 23.948, 300.924

Inverse Universe

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



68, 28.721, 337.397



80, 40.831, 337.852



78, 33.899, 137.889



40, 5.991, 336.031



36, 65.855, 346.741



4, 22.256, 342.430

Previews

White Background



This preview shows how the CIELCh color 65, 31.359, 304.526 looks on a white background.

Color Contrast Check

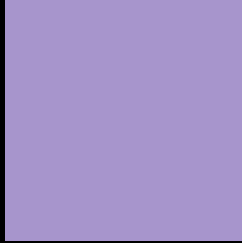
Large Text (above 18pt) WCAG AA × Fail

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, 31.359, 304.526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

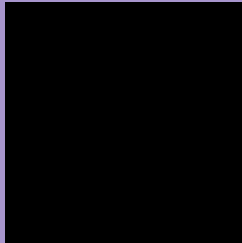
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 31.359, 304.526

Background



This preview shows how black text looks on a background with the CIELCh color 65, 31.359, 304.526.



This preview shows how white text looks on a background with the CIELCh color 65, 31.359, 304.526.

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, 31.359, 304.526

Protanopia

65, 29.616, 285.095

Deuteranopia

65, 26.720, 288.675



Tritanopia
65, 6.960, 306.436

Trichromacy



Original Color
65, 31.359, 304.526

Protanomaly
65, 30.060, 292.653

Deuteranomaly
65, 27.881, 295.116

Tritanomaly
65, 16.074, 304.784

Monochromacy



Original Color
65, 31.359, 304.526

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 11.358, 302.469

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 31.359, 304.526 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(167, 149, 204)` looks like.

```
.text, #text, p{  
    color:rgb(167, 149, 204)  
}
```

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(167, 149, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 149, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 31.359, 304.526 is called "border". The border property can be set on classes, ids or directly on the HTML element.

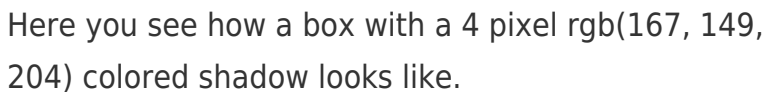
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 149, 204) }
```

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

```
.border{ border-color:rgb(167, 149, 204) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 149, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 149, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 149, 204); box-shadow:4px 4px 4px 4px rgb(167, 149, 204) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 31.359, 304.526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 149, 204) }
```

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

```
.background{ background-color: rgb(167,  
149, 204) }
```

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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