

Converting Colors

CIELCh(65, 25.983, 302.108)

Have a look what the booklet for
CIELCh(65, 25.983, 302.108)
contains.

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Color

CIELCh(65, 26.051, 301.953)

Conversions

Conversions Part 1

Format	Color
Hex	A397C5
RGB	163, 151, 197
RGB Percent	64%, 59%, 77%
CMY	0.3600, 0.4070, 0.2266
CMYK	0.17, 0.23, 0.00, 0.23
HSL	256°, 28%, 68%
HSV	256°, 23%, 77%
XYZ	36.3478, 34.0472, 57.6070
YIQ	159.8320, -7.6140, 16.8500

Conversions

Conversions Part 2

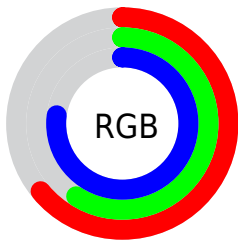
Format	Color
R_{YB}	163, 151, 197
Decimal	10721221
CIE _{Lab}	65.00, 13.79, -22.10
CIE _{LCh}	65, 26.051, 301.953
Yxy	34.0472, 0.2840, 0.2660
Android (android.graphics.Color)	4288911301 (0xFFA397C5)
YUV	159.8320, 18.3238, 2.7783
Hunter-Lab	58.3500, 9.0801, -17.6901

Details

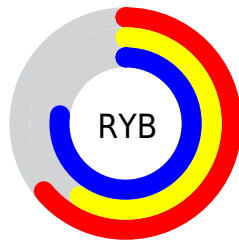
The CIELCh color $65, 26.051, 301.953$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $78, 24.841, 118.893$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 26.286, 301.812$, and $45, 26.102, 302.286$ is the 20% darker color. If you saturate the color by 10%, you get $59, 37.884, 302.813$, and if you desaturate by 10%, it is $71, 14.616, 301.190$.

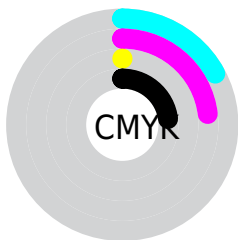
Distribution



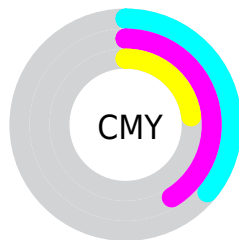
- Red (64%)
- Green (59%)
- Blue (77%)



- Red (64%)
- Yellow (59%)
- Blue (77%)



- Cyan (17%)
- Magenta (23%)
- Yellow (0%)
- Black (23%)





- Cyan (36%)
- Magenta (41%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 26.051, 301.953 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, 26.051, 301.953 by changing the saturation by 10% instead.


 65, 26.051,
301.953


 65, 26.051,
301.953


 100, 26.051,
301.953


 55, 26.051,
301.953


 85, 26.051,
301.953

 45, 26.051,
301.953

 95, 26.051,
301.953

 35, 26.051,
301.953

 25, 26.051,
301.953

 15, 26.051,
301.953

 5, 26.051, 301.953

 0, 26.051, 301.953

65, 26.051,
301.953

65, 26.051,
301.953

59, 37.884,
302.813

71, 14.616,
301.190

53, 50.075,
303.767

78, 3.592, 300.516

84, 7.037, 119.952

47, 62.496,
304.792

90, 17.288,
119.448

41, 74.866,
305.835

96, 27.184,
119.016

35, 86.632,
306.798

98, 29.182,
111.179

31, 96.853,
307.522

99, 29.124,
107.964

28, 104.286,
307.810

26, 107.754,

Harmonies

Complementary

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



65, 26.051, 301.953



78, 24.841, 118.893

Rectangle

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



65, 26.051, 301.953



65, 26.051, 351.953



65, 26.051, 121.953



65, 26.051, 171.953

Sweetspot

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



65, 26.049, 301.952



95, 9.354, 300.762



73, 13.202, 226.970



50, 6.084, 300.803



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, 26.049, 301.952



78, 38.872, 302.379



67, 28.350, 318.293



39, 6.218, 300.915



21, 93.488, 307.931



2, 21.748, 298.583

Inverse Universe

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



68, 25.305, 334.317



83, 37.419, 334.691



76, 27.955, 136.181



39, 6.152, 333.333



36, 67.954, 341.934



4, 21.272, 338.260

Previews

White Background



This preview shows how the CIELCh color 65, 26.051, 301.953 looks on a white background.

Color Contrast Check

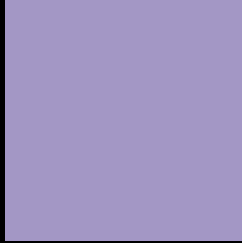
Large Text (above 18pt) WCAG AA × Fail

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, 26.051, 301.953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

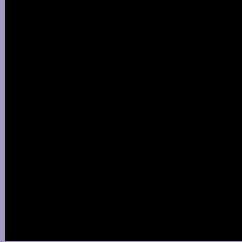
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 26.051, 301.953

Background



This preview shows how black text looks on a background with the CIELCh color 65, 26.051, 301.953.



This preview shows how white text looks on a background with the CIELCh color 65, 26.051, 301.953.

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, 26.051, 301.953

Protanopia
65, 25.144, 285.194

Deuteranopia
65, 23.361, 290.937



Tritanopia
65, 7.287, 296.788

Trichromacy



Original Color
65, 26.051, 301.953

Protanomaly
65, 25.603, 291.333

Deuteranomaly
65, 23.978, 295.107

Tritanomaly
65, 14.136, 300.469

Monochromacy



Original Color
65, 26.051, 301.953

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 9.585, 299.990

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 26.051, 301.953 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(163, 151, 197)` looks like.

```
.text, #text, p{  
    color:rgb(163, 151, 197)  
}
```

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(163, 151, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 151, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 26.051, 301.953 is called "border". The border property can be set on classes, ids or directly on the HTML element.

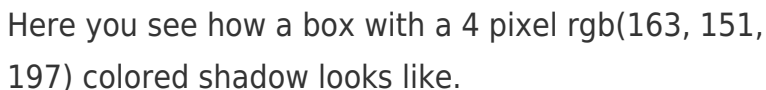
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 151, 197) }
```

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

```
.border{ border-color:rgb(163, 151, 197) }
```

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



Here you see how a box with a 4 pixel `rgb(163, 151, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 151, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 151, 197); box-shadow:4px 4px 4px 4px rgb(163, 151, 197) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 26.051, 301.953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 151, 197) }
```

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

```
.background{ background-color: rgb(163,  
151, 197) }
```

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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