

Converting Colors

CIELCh(66, 26.806, 301.330)

Have a look what the booklet for
CIELCh(66, 26.806, 301.330)
contains.

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Color

CIELCh(66, 26.454, 301.023)

Conversions

Conversions Part 1

Format	Color
Hex	A59AC9
RGB	165, 154, 201
RGB Percent	65%, 60%, 79%
CMY	0.3530, 0.3961, 0.2118
CMYK	0.18, 0.23, 0.00, 0.21
HSL	254°, 30%, 70%
HSV	254°, 23%, 79%
XYZ	37.6113, 35.3238, 60.0888
YIQ	162.6470, -8.5310, 16.9490

Conversions

Conversions Part 2

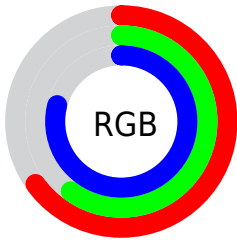
Format	Color
RYB	165, 154, 201
Decimal	10853065
CIELab	66.00, 13.63, -22.67
CIELCh	66, 26.454, 301.023
Yxy	35.3238, 0.2827, 0.2655
Android (android.graphics.Color)	4289043145 (0xFFA59AC9)
YUV	162.6470, 18.9080, 2.0636
Hunter-Lab	59.4338, 8.9503, -18.3397

Details

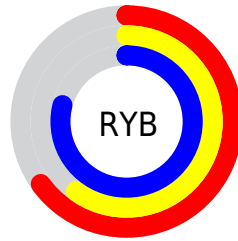
The CIELCh color `66, 26.454, 301.023` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `79, 25.187, 117.797`, and the grayscale version is `67, 0.008, 296.813`.

A 20% lighter version of the original color is `86, 25.128, 301.390`, and `46, 26.512, 301.317` is the 20% darker color. If you saturate the color by 10%, you get `60, 38.465, 301.938`, and if you desaturate by 10%, it is `72, 14.861, 300.216`.

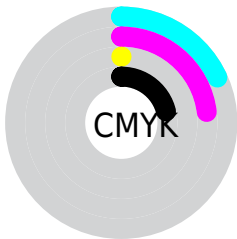
Distribution



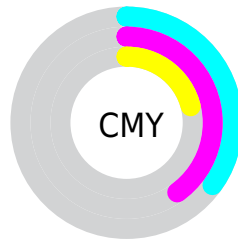
- Red (65%)
- Green (60%)
- Blue (79%)



- Red (65%)
- Yellow (60%)
- Blue (79%)



- Cyan (18%)
- Magenta (23%)
- Yellow (0%)
- Black (21%)





- Cyan (35%)
- Magenta (40%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 26.454, 301.023 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 66, 26.454, 301.023 by changing the saturation by 10% instead.


 66, 26.454,
301.023


 66, 26.454,
301.023


 100, 26.454,
301.023


 56, 26.454,
301.023


 86, 26.454,
301.023

 46, 26.454,
301.023

 96, 26.454,
301.023

 36, 26.454,
301.023

 26, 26.454,
301.023

 16, 26.454,
301.023

 6, 26.454, 301.023

 0, 26.454, 301.023

66, 26.454,
301.023

66, 26.454,
301.023

60, 38.465,
301.938

72, 14.861,
300.216

53, 50.861,
302.959

79, 3.693, 299.508

85, 7.066, 118.910

47, 63.519,
304.065

91, 17.439,
118.384

41, 76.160,
305.202

98, 27.449,
117.931

36, 88.216,
306.268

99, 27.239,
108.109

31, 98.700,
307.095

28, 106.287,
307.472

26, 109.741,

Harmonies

Complementary

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



66, 26.454, 301.023



79, 25.187, 117.797

Rectangle

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



66, 26.454, 301.023



66, 26.454, 351.023



66, 26.454, 121.023



66, 26.454, 171.023

Sweetspot

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



66, 26.452, 301.022



95, 9.325, 299.761



75, 13.493, 224.769



50, 6.066, 299.804



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 26.452, 301.022



78, 38.785, 301.467



68, 28.744, 317.775



39, 6.199, 299.922



20, 93.865, 307.642



2, 21.709, 297.887

Inverse Universe

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



69, 26.244, 333.272



83, 38.120, 333.625



77, 28.310, 135.677



39, 6.271, 332.313



37, 69.239, 340.160



4, 21.780, 336.776

Previews

White Background



This preview shows how the CIELCh color 66, 26.454, 301.023 looks on a white background.

Color Contrast Check

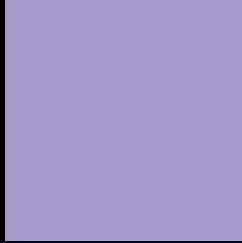
Large Text (above 18pt) WCAG AA × Fail

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 66, 26.454, 301.023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

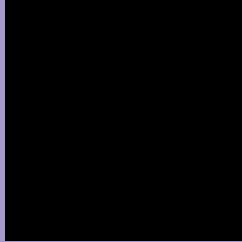
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 26.454, 301.023

Background



This preview shows how black text looks on a background with the CIELCh color 66, 26.454, 301.023.



This preview shows how white text looks on a background with the CIELCh color 66, 26.454, 301.023.

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


66, 26.454, 301.023

Protanopia

66, 25.060, 285.132

Deuteranopia

66, 23.859, 291.005



Tritanopia
66, 7.229, 293.865

Trichromacy



Original Color
66, 26.454, 301.023

Protanomaly
66, 25.515, 291.285

Deuteranomaly
66, 24.475, 295.075

Tritanomaly
66, 14.582, 298.750

Monochromacy



Original Color
66, 26.454, 301.023

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 9.552, 299.979

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 26.454, 301.023 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(165, 154, 201)` looks like.

```
.text, #text, p{  
    color:rgb(165, 154, 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(165, 154, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 154, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 26.454, 301.023 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(165, 154, 201) }
```

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

```
.border{ border-color:rgb(165, 154, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 154, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 154, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 154, 201);  
box-shadow:4px 4px 4px 4px rgb(165, 154,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 26.454, 301.023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 154, 201) }
```

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

```
.background{ background-color: rgb(165,  
154, 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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