

Converting Colors

CIELCh(66, 24.721, 304.220)

Have a look what the booklet for
CIELCh(66, 24.721, 304.220)
contains.

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Color

CIELCh(66, 24.459, 304.095)

Conversions

Conversions Part 1

Format	Color
Hex	A89AC5
RGB	168, 154, 197
RGB Percent	66%, 60%, 77%
CMY	0.3423, 0.3972, 0.2287
CMYK	0.15, 0.22, 0.00, 0.23
HSL	260°, 27%, 69%
HSV	260°, 22%, 77%
XYZ	37.6350, 35.3238, 57.4736
YIQ	163.0880, -5.4590, 16.3410

Conversions

Conversions Part 2

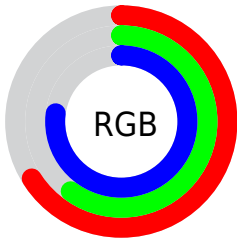
Format	Color
R_{YB}	168, 154, 197
Decimal	11049669
CIE _{Lab}	66.00, 13.71, -20.25
CIE _{LCh}	66, 24.459, 304.095
Yxy	35.3238, 0.2885, 0.2708
Android (android.graphics.Color)	4289239749 (0xFFA89AC5)
YUV	163.0880, 16.7186, 4.3078
Hunter-Lab	59.4338, 9.0214, -15.7308

Details

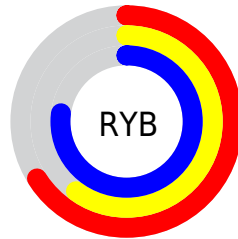
The CIELCh color $66, 24.459, 304.095$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $77, 23.479, 121.550$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 24.800, 303.877$, and $46, 24.359, 304.468$ is the 20% darker color. If you saturate the color by 10%, you get $60, 36.244, 304.831$, and if you desaturate by 10%, it is $72, 13.041, 303.434$.

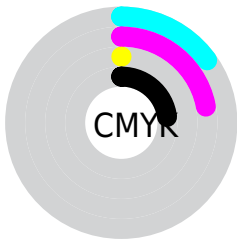
Distribution



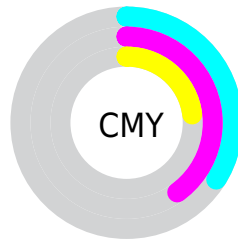
- Red (66%)
- Green (60%)
- Blue (77%)



- Red (66%)
- Yellow (60%)
- Blue (77%)



- Cyan (15%)
- Magenta (22%)
- Yellow (0%)
- Black (23%)



- Cyan (34%)
- Magenta (40%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 24.459, 304.095 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, 24.459, 304.095 by changing the saturation by 10% instead.

66, 24.459,
304.095

66, 24.459,
304.095

100, 24.459,
304.095

56, 24.459,
304.095

86, 24.459,
304.095

46, 24.459,
304.095

96, 24.459,
304.095

36, 24.459,
304.095

26, 24.459,
304.095

16, 24.459,
304.095

6, 24.459, 304.095

0, 24.459, 304.095

66, 24.459,
304.095

66, 24.459,
304.095

60, 36.244,
304.831

72, 13.041,
303.434

54, 48.345,
305.635

78, 2.011, 302.828

84, 8.639, 122.354

48, 60.629,
306.486

90, 18.923,
121.909

42, 72.820,
307.334

96, 28.859,
121.525

37, 84.407,
308.093

98, 29.551,
113.577

33, 94.555,
308.631

99, 29.383,
107.944

29, 102.164,
308.777

27, 106.383,

308.632

Harmonies

Complementary

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



66, 24.459, 304.095



77, 23.479, 121.550

Rectangle

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



66, 24.459, 304.095



66, 24.459, 354.095



66, 24.459, 124.095



66, 24.459, 174.095

Sweetspot

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



66, 24.457, 304.094



95, 9.435, 303.145



73, 12.351, 235.743



50, 6.136, 303.182



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, 24.457, 304.094



80, 36.201, 304.420



68, 26.920, 320.278



39, 6.270, 303.282



22, 92.473, 308.762



2, 21.858, 300.298

Inverse Universe

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



68, 22.605, 336.905



84, 33.237, 337.268



76, 26.671, 138.202



39, 5.875, 335.954



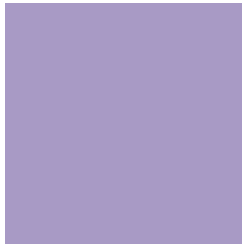
36, 65.190, 346.578



4, 20.132, 342.151

Previews

White Background



This preview shows how the CIELCh color 66, 24.459, 304.095 looks on a white background.

Color Contrast Check

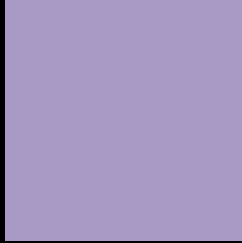
Large Text (above 18pt) WCAG AA × Fail

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, 24.459, 304.095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

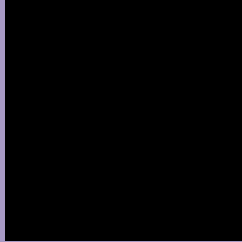
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 24.459, 304.095

Background



This preview shows how black text looks on a background with the CIELCh color 66, 24.459, 304.095.



This preview shows how white text looks on a background with the CIELCh color 66, 24.459, 304.095.

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, 24.459, 304.095

Protanopia

66, 22.843, 284.907

Deuteranopia

66, 21.657, 293.316



Tritanopia
66, 7.479, 305.314

Trichromacy



Original Color
66, 24.459, 304.095

Protanomaly
66, 23.305, 291.738

Deuteranomaly
66, 22.348, 297.788

Tritanomaly
66, 13.780, 305.291

Monochromacy



Original Color
66, 24.459, 304.095

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 8.537, 303.513

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 24.459, 304.095 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(168, 154, 197)` looks like.

```
.text, #text, p{  
    color:rgb(168, 154, 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(168, 154, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 154, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 24.459, 304.095 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(168, 154, 197) }
```

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

```
.border{ border-color:rgb(168, 154, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 154, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 154, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 154, 197);  
box-shadow:4px 4px 4px 4px rgb(168, 154,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 24.459, 304.095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 154, 197) }
```

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

```
.background{ background-color: rgb(168,  
154, 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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