

Converting Colors

CIELCh(66, 29.040, 297.758)

Have a look what the booklet for
CIELCh(66, 29.040, 297.758)
contains.

| | |
|--|----|
| CIELCh(66, 29.040, 297.758) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 21 |
| <i>Color Blindness Simulation</i> | 24 |
| <i>CSS Examples</i> | 27 |

Color

CIELCh(66, 29.040, 297.758)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A19ACE |
| RGB | 161, 154, 206 |
| RGB Percent | 63%, 60%, 81% |
| CMY | 0.3671, 0.3946, 0.1906 |
| CMYK | 0.22, 0.25, 0.00, 0.19 |
| HSL | 248°, 35%, 71% |
| HSV | 248°, 25%, 81% |
| XYZ | 37.5778, 35.3238, 63.4781 |
| YIQ | 162.0210, -12.5200, 17.6560 |

Conversions

Conversions Part 2

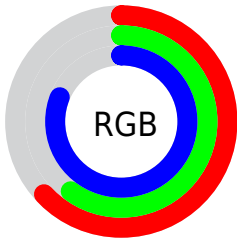
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 161, 154, 206 |
| Decimal | 10590926 |
| CIE _{Lab} | 66.00, 13.53, -25.70 |
| CIE _{LCh} | 66, 29.040, 297.758 |
| Yxy | 35.3238, 0.2755, 0.2590 |
| Android (android.graphics.Color) | 4288781006 (0xFFA19ACE) |
| YUV | 162.0210, 21.6816, -0.8954 |
| Hunter-Lab | 59.4338, 8.8498, -21.7208 |

Details

The CIELCh color $66, 29.040, 297.758$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $81, 27.414, 113.532$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 24.942, 298.349$, and $46, 29.280, 297.406$ is the 20% darker color. If you saturate the color by 10%, you get $59, 41.379, 298.927$, and if you desaturate by 10%, it is $73, 17.173, 296.742$.

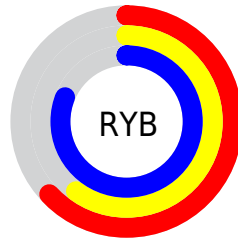
Distribution



Red (63%)

Green (60%)

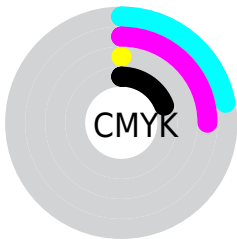
Blue (81%)



Red (63%)

Yellow (60%)

Blue (81%)

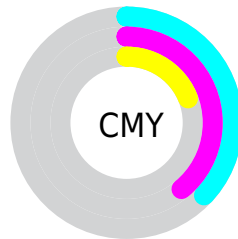


Cyan (22%)

Magenta (25%)

Yellow (0%)

Black (19%)



Cyan (37%)

Magenta (39%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 29.040, 297.758 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, 29.040, 297.758 by changing the saturation by 10% instead.

66, 29.040,
297.758

66, 29.040,
297.758

100, 29.040,
297.758

56, 29.040,
297.758

86, 29.040,
297.758

46, 29.040,
297.758

96, 29.040,
297.758

36, 29.040,
297.758

26, 29.040,
297.758

16, 29.040,
297.758

6, 29.040, 297.758

0, 29.040, 297.758

66, 29.040,
297.758

66, 29.040,
297.758

59, 41.379,
298.927

73, 17.173,
296.742

53, 54.171,
300.255

79, 5.770, 295.870

86, 5.196, 115.115

46, 67.304,
301.719

93, 15.753,
114.474

40, 80.471,
303.257

99, 24.606,
112.080

34, 92.995,
304.731

99, 24.539,
108.317

30, 103.645,
305.918

27, 110.810,
306.559

26, 113.234,

306.758

Harmonies

Complementary

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



66, 29.040, 297.758



81, 27.414, 113.532

Rectangle

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



66, 29.040, 297.758



66, 29.040, 347.758



66, 29.040, 117.758



66, 29.040, 167.758

Sweetspot

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



66, 29.038, 297.757



94, 10.583, 296.108



78, 15.576, 212.247



49, 7.542, 296.238



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, 29.038, 297.757



76, 41.463, 298.342



68, 31.011, 314.667



39, 6.276, 296.218



20, 96.082, 306.836



2, 23.639, 295.920

Inverse Universe

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



70, 30.972, 329.851



82, 43.713, 330.170



79, 30.276, 132.451



40, 6.870, 328.877



38, 75.395, 334.380



5, 26.028, 332.426

Previews

White Background



This preview shows how the CIELCh color 66, 29.040, 297.758 looks on a white background.

Color Contrast Check

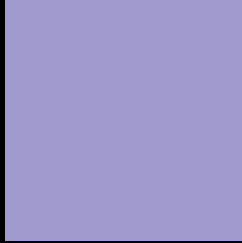
Large Text (above 18pt) WCAG AA × Fail

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, 29.040, 297.758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

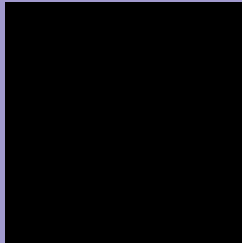
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 29.040, 297.758

Background



This preview shows how black text looks on a background with the CIELCh color 66, 29.040, 297.758.



This preview shows how white text looks on a background with the CIELCh color 66, 29.040, 297.758.

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

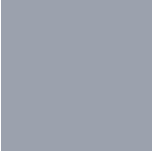
66, 29.040, 297.758

Protanopia

66, 28.395, 285.837

Deuteranopia

66, 27.194, 289.475



Tritanopia
66, 6.959, 272.503

Trichromacy



Original Color
66, 29.040, 297.758

Protanomaly
66, 28.294, 289.737

Deuteranomaly
66, 27.752, 292.331

Tritanomaly
66, 14.421, 288.854

Monochromacy



Original Color
66, 29.040, 297.758

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 10.610, 297.186

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 29.040, 297.758 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(161, 154, 206)` looks like.

```
.text, #text, p{  
    color:rgb(161, 154, 206)  
}
```

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(161, 154, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 154, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 29.040, 297.758 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(161, 154, 206) }
```

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

```
.border{ border-color:rgb(161, 154, 206) }
```

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

Here you see how a box with a 4 pixel rgb(161, 154, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 154, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 154, 206);  
box-shadow:4px 4px 4px 4px rgb(161, 154,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 29.040, 297.758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 154, 206) }
```

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

```
.background{ background-color: rgb(161,  
154, 206) }
```

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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