

Converting Colors

CIELCh(66, 9.433, 293.376)

Have a look what the booklet for
CIELCh(66, 9.433, 293.376) contains.

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Color

CIELCh(66, 9.444, 293.381)

Conversions

Conversions Part 1

Format	Color
Hex	A09FB0
RGB	160, 159, 176
RGB Percent	63%, 62%, 69%
CMY	0.3732, 0.3771, 0.3105
CMYK	0.09, 0.10, 0.00, 0.31
HSL	244°, 10%, 66%
HSV	244°, 10%, 69%
XYZ	34.6536, 35.3238, 45.9790
YIQ	161.2370, -4.8610, 5.4990

Conversions

Conversions Part 2

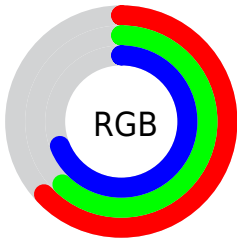
Format	Color
RYB	160, 159, 176
Decimal	10526640
CIELab	66.00, 3.75, -8.67
CIELCh	66, 9.444, 293.381
Yxy	35.3238, 0.2989, 0.3046
Android (android.graphics.Color)	4288716720 (0xFFA09FB0)
YUV	161.2370, 7.2782, -1.0848
Hunter-Lab	59.4338, 0.0673, -4.2640

Details

The CIELCh color $66, 9.444, 293.381$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 9.235, 111.655$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 9.463, 293.086$, and $46, 9.515, 291.486$ is the 20% darker color. If you saturate the color by 10%, you get $60, 19.594, 294.444$, and if you desaturate by 10%, it is $72, 0.311, 112.336$.

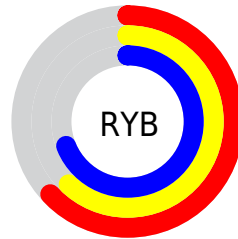
Distribution



Red (63%)

Green (62%)

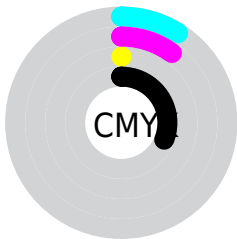
Blue (69%)



Red (63%)

Yellow (62%)

Blue (69%)

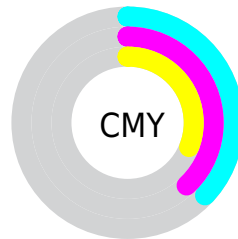


Cyan (9%)

Magenta (10%)

Yellow (0%)

Black (31%)



Cyan (37%)

Magenta (38%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 9.444, 293.381 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, 9.444, 293.381 by changing the saturation by 10% instead.

■ 66, 9.444, 293.381

■ 66, 9.444, 293.381

■ 100, 9.444,
293.381

■ 56, 9.444, 293.381

■ 86, 9.444, 293.381

■ 46, 9.444, 293.381

■ 96, 9.444, 293.381

■ 36, 9.444, 293.381

■ 26, 9.444, 293.381

■ 16, 9.444, 293.381

■ 6, 9.444, 293.381

■ 0, 9.444, 293.381

■ 66, 9.444, 293.381

■ 66, 9.444, 293.381

■ 60, 19.594,

■ 72, 0.311, 112.336

294.444

78, 9.696, 111.675

54, 30.170,
295.692

84, 18.737,
111.010

48, 41.183,
297.138

90, 27.459,
110.439

42, 52.610,
298.785

95, 35.884,
109.948

36, 64.323,
300.598

98, 39.689,
107.149

31, 75.962,
302.481

26, 86.729,
304.240

23, 95.270,
305.589

21, 100.778,
306.439

Harmonies

Complementary

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



66, 9.444, 293.381



71, 9.235, 111.655

Rectangle

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



66, 9.444, 293.381



66, 9.444, 343.381



66, 9.444, 113.381



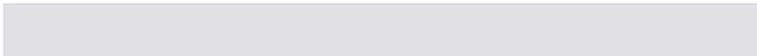
66, 9.444, 163.381

Sweetspot

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



66, 9.442, 293.376



89, 3.600, 292.765



70, 5.914, 203.519



47, 2.729, 292.834



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



66, 9.442, 293.376



82, 14.629, 293.632



67, 10.073, 311.194



34, 5.464, 293.340



17, 89.946, 306.509



1, 11.358, 292.061

Inverse Universe

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



67, 10.937, 326.569



84, 16.885, 326.716



71, 9.949, 130.400



34, 6.332, 326.548



35, 74.509, 330.671



2, 13.069, 326.825

Previews

White Background



This preview shows how the CIELCh color 66, 9.444, 293.381 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, 9.444, 293.381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

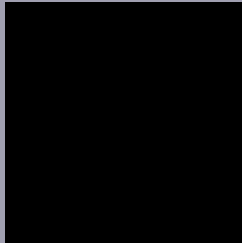
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

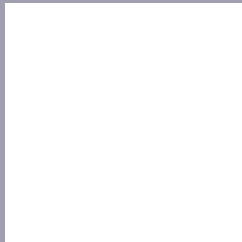
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 9.444, 293.381

Background



This preview shows how black text looks on a background with the CIELCh color 66, 9.444, 293.381.



This preview shows how white text looks on a background with the CIELCh color 66, 9.444, 293.381.

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, 9.444, 293.381

Protanopia

66, 9.431, 291.166

Deuteranopia

66, 12.010, 312.945



Tritanopia
66, 7.214, 290.939

Trichromacy



Original Color
66, 9.444, 293.381

Protanomaly
66, 9.431, 291.166

Deuteranomaly
66, 10.994, 306.783

Tritanomaly
66, 7.769, 290.996

Monochromacy



Original Color
66, 9.444, 293.381

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 3.356, 296.963

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 9.444, 293.381 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(160, 159, 176)` looks like.

```
.text, #text, p{  
    color:rgb(160, 159, 176)  
}
```

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(160, 159, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 159, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 9.444, 293.381 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(160, 159, 176) }
```

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

```
.border{ border-color:rgb(160, 159, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 159, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 159, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 159, 176);  
box-shadow:4px 4px 4px 4px rgb(160, 159,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 9.444, 293.381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 159, 176) }
```

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

```
.background{ background-color: rgb(160,  
159, 176) }
```

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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