

Converting Colors

CIELCh(66, 22.083, 295.977)

Have a look what the booklet for
CIELCh(66, 22.083, 295.977)
contains.

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Color

CIELCh(66, 22.288, 296.013)

Conversions

Conversions Part 1

Format	Color
Hex	A09CC4
RGB	160, 156, 196
RGB Percent	63%, 61%, 77%
CMY	0.3718, 0.3875, 0.2306
CMYK	0.18, 0.20, 0.00, 0.23
HSL	246°, 25%, 69%
HSV	246°, 20%, 77%
XYZ	36.4376, 35.3238, 57.2343
YIQ	161.7560, -10.4560, 13.2880

Conversions

Conversions Part 2

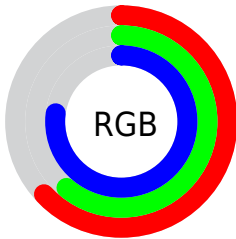
Format	Color
RYB	160, 156, 196
Decimal	10525892
CIELab	66.00, 9.77, -20.03
CIELCh	66, 22.288, 296.013
Yxy	35.3238, 0.2825, 0.2738
Android (android.graphics.Color)	4288715972 (0xFFA09CC4)
YUV	161.7560, 16.8823, -1.5400
Hunter-Lab	59.4338, 5.4251, -15.4921

Details

The CIELCh color `66, 22.288, 296.013` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `78, 21.280, 112.456`, and the grayscale version is `67, 0.008, 296.813`.

A 20% lighter version of the original color is `86, 22.711, 296.267`, and `46, 22.087, 295.929` is the 20% darker color. If you saturate the color by 10%, you get `59, 33.898, 297.183`, and if you desaturate by 10%, it is `73, 11.135, 295.005`.

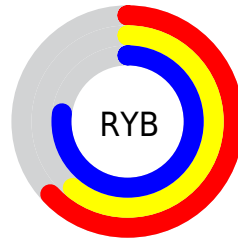
Distribution



Red (63%)

Green (61%)

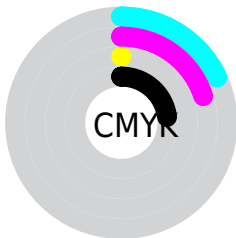
Blue (77%)



Red (63%)

Yellow (61%)

Blue (77%)

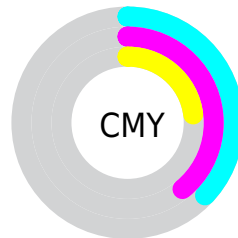


Cyan (18%)

Magenta (20%)

Yellow (0%)

Black (23%)



Cyan (37%)

Magenta (39%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 22.288, 296.013 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, 22.288, 296.013 by changing the saturation by 10% instead.

■ 66, 22.288,
296.013

■ 66, 22.288,
296.013

■ 100, 22.288,
296.013

■ 56, 22.288,
296.013

■ 86, 22.288,
296.013

■ 46, 22.288,
296.013

■ 96, 22.288,
296.013

■ 36, 22.288,
296.013

■ 26, 22.288,
296.013

■ 16, 22.288,
296.013

■ 6, 22.288, 296.013

■ 0, 22.288, 296.013

66, 22.288,
296.013

66, 22.288,
296.013

59, 33.898,
297.183

73, 11.135,
295.005

53, 45.976,
298.531

79, 0.420, 294.201

85, 9.887, 113.398

47, 58.472,
300.053

92, 19.815,
112.768

40, 71.217,
301.708

98, 29.389,
112.226

35, 83.766,
303.396

99, 29.635,
107.925

30, 95.196,
304.924

26, 104.022,
306.020

24, 109.294,

306.600

Harmonies

Complementary

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



66, 22.288, 296.013



78, 21.280, 112.456

Rectangle

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



66, 22.288, 296.013



66, 22.288, 346.013



66, 22.288, 116.013



66, 22.288, 166.013

Sweetspot

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



66, 22.286, 296.012



95, 7.892, 294.619



75, 12.627, 208.396



50, 5.241, 294.677



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, 22.286, 296.012



81, 32.715, 296.458



68, 23.794, 313.356



37, 6.003, 294.910



19, 94.153, 306.661



1, 19.522, 293.839

Inverse Universe

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



69, 24.622, 328.441



85, 35.863, 328.676



77, 23.290, 131.593



38, 6.747, 327.784



37, 75.696, 332.610



4, 22.055, 329.960

Previews

White Background



This preview shows how the CIELCh color 66, 22.288, 296.013 looks on a white background.

Color Contrast Check

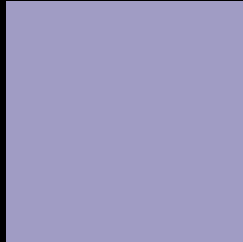
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 66, 22.288, 296.013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

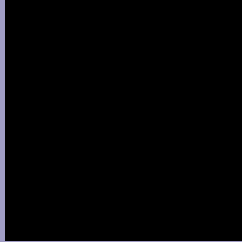
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 22.288, 296.013

Background



This preview shows how black text looks on a background with the CIELCh color 66, 22.288, 296.013.



This preview shows how white text looks on a background with the CIELCh color 66, 22.288, 296.013.

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

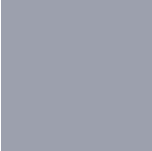
66, 22.288, 296.013

Protanopia

66, 21.716, 285.238

Deuteranopia

66, 21.657, 293.316



Tritanopia
66, 7.328, 279.412

Trichromacy



Original Color
66, 22.288, 296.013

Protanomaly
66, 21.644, 288.792

Deuteranomaly
66, 21.670, 294.225

Tritanomaly
66, 12.200, 289.762

Monochromacy



Original Color
66, 22.288, 296.013

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 7.774, 293.702

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 22.288, 296.013 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, 156, 196)` looks like.

```
.text, #text, p{  
    color:rgb(160, 156, 196)  
}
```

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, 156, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 156, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 22.288, 296.013 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, 156, 196) }
```

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

```
.border{ border-color:rgb(160, 156, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 156, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 156, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 156, 196);  
box-shadow:4px 4px 4px 4px rgb(160, 156,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 22.288, 296.013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 156, 196) }
```

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

```
.background{ background-color: rgb(160,  
156, 196) }
```

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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