

Converting Colors

CIELCh(60, 21.771, 300.015)

Have a look what the booklet for
CIELCh(60, 21.771, 300.015)
contains.

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Color

CIELCh(60, 21.744, 300.006)

Conversions

Conversions Part 1

Format	Color
Hex	948CB2
RGB	148, 140, 178
RGB Percent	58%, 55%, 70%
CMY	0.4209, 0.4523, 0.3033
CMYK	0.17, 0.21, 0.00, 0.30
HSL	253°, 20%, 62%
HSV	253°, 21%, 70%
XYZ	29.4816, 28.1233, 45.8104
YIQ	146.7240, -7.4300, 13.5140

Conversions

Conversions Part 2

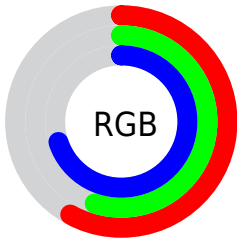
Format	Color
RYB	148, 140, 178
Decimal	9735346
CIELab	60.00, 10.87, -18.83
CIELCh	60, 21.744, 300.006
Yxy	28.1233, 0.2851, 0.2719
Android (android.graphics.Color)	4287925426 (0xFF948CB2)
YUV	146.7240, 15.4191, 1.1191
Hunter-Lab	53.0314, 6.4279, -14.0947

Details

The CIELCh color `60, 21.744, 300.006` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `71, 20.785, 116.978`, and the grayscale version is `61, 0.008, 296.813`.

A 20% lighter version of the original color is `80, 21.566, 299.292`, and `40, 21.581, 300.171` is the 20% darker color. If you saturate the color by 10%, you get `54, 32.515, 300.935`, and if you desaturate by 10%, it is `66, 11.360, 299.190`.

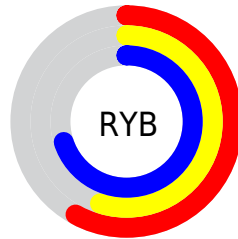
Distribution



Red (58%)

Green (55%)

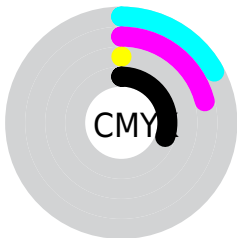
Blue (70%)



Red (58%)

Yellow (55%)

Blue (70%)

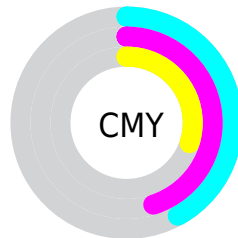


Cyan (17%)

Magenta (21%)

Yellow (0%)

Black (30%)



Cyan (42%)

Magenta (45%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 21.744, 300.006 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 60, 21.744, 300.006 by changing the saturation by 10% instead.

■ 60, 21.744,
300.006

■ 60, 21.744,
300.006

■ 100, 21.744,
300.006

■ 50, 21.744,
300.006

■ 80, 21.744,
300.006

■ 40, 21.744,
300.006

■ 90, 21.744,
300.006

■ 30, 21.744,
300.006

■ 20, 21.744,
300.006

■ 10, 21.744,
300.006

■ 0, 21.744, 300.006

■ 60, 21.744,

■ 60, 21.744,

300.006

■ 54, 32.515,
300.935

■ 48, 43.657,
301.981

■ 43, 55.091,
303.130

■ 37, 66.619,
304.340

■ 32, 77.813,
305.522

■ 28, 87.886,
306.522

■ 24, 95.664,
307.129

■ 22, 100.333,
307.369

300.006

■ 66, 11.360,
299.190

■ 72, 1.360, 298.475

■ 77, 8.274, 117.876

■ 83, 17.564,
117.348

■ 89, 26.531,
116.895

■ 94, 35.195,
116.505

■ 98, 38.981,
112.402

■ 98, 38.798,
107.218

Harmonies

Complementary

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



60, 21.744, 300.006



71, 20.785, 116.978

Rectangle

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



60, 21.744, 300.006



60, 21.744, 350.006



60, 21.744, 120.006



60, 21.744, 170.006

Sweetspot

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



60, 21.742, 300.005



88, 7.373, 298.804



68, 11.383, 220.310



46, 4.935, 298.849



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



60, 21.742, 300.005



73, 33.168, 300.462



62, 23.547, 316.627



35, 5.654, 299.036



18, 89.760, 307.453



1, 13.419, 296.543

Inverse Universe

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



62, 22.056, 332.237



77, 33.340, 332.578



70, 23.176, 134.772



35, 5.832, 331.443



34, 67.217, 338.610



2, 13.197, 334.100

Previews

White Background



This preview shows how the CIELCh color 60, 21.744, 300.006 looks on a white background.

Color Contrast Check

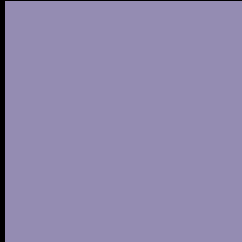
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 21.744, 300.006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

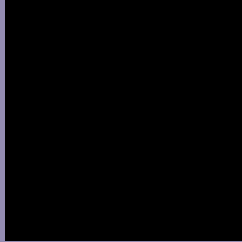
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 21.744, 300.006

Background



This preview shows how black text looks on a background with the CIELCh color 60, 21.744, 300.006.



This preview shows how white text looks on a background with the CIELCh color 60, 21.744, 300.006.

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

60, 21.744, 300.006

Protanopia

60, 20.981, 285.916

Deuteranopia

60, 19.790, 292.373



Tritanopia
60, 6.217, 290.885

Trichromacy



Original Color
60, 21.744, 300.006

Protanomaly
60, 20.917, 290.597

Deuteranomaly
60, 20.420, 295.398

Tritanomaly
60, 11.955, 296.810

Monochromacy



Original Color
60, 21.744, 300.006

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 8.004, 299.140

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 21.744, 300.006 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(148, 140, 178)` looks like.

```
.text, #text, p{  
    color:rgb(148, 140, 178)  
}
```

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(148, 140, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 140, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 21.744, 300.006 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(148, 140, 178) }
```

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

```
.border{ border-color:rgb(148, 140, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 140, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 140, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 140, 178);  
box-shadow:4px 4px 4px 4px rgb(148, 140,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 21.744, 300.006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 140, 178) }
```

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

```
.background{ background-color: rgb(148,  
140, 178) }
```

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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