

Converting Colors

CIELCh(61, 20.325, 294.375)

Have a look what the booklet for
CIELCh(61, 20.325, 294.375)
contains.

CIELCh(61, 20.325, 294.375)	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(61, 20.325, 294.375)

Conversions

Conversions Part 1

Format	Color
Hex	9290B4
RGB	146, 144, 180
RGB Percent	57%, 56%, 71%
CMY	0.4284, 0.4362, 0.2951
CMYK	0.19, 0.20, 0.00, 0.30
HSL	243°, 19%, 63%
HSV	243°, 20%, 70%
XYZ	29.9610, 29.2481, 47.1135
YIQ	148.7020, -10.3640, 11.6200

Conversions

Conversions Part 2

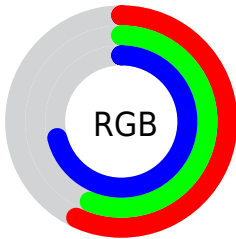
Format	Color
R_{YB}	146, 144, 180
Decimal	9605300
CIE Lab	61.00, 8.39, -18.51
CIE LCh	61, 20.325, 294.375
Yxy	29.2481, 0.2818, 0.2751
Android (android.graphics.Color)	4287795380 (0xFF9290B4)
YUV	148.7020, 15.4299, -2.3697
Hunter-Lab	54.0815, 4.2457, -13.7938

Details

The CIELCh color $61, 20.325, 294.375$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $72, 19.418, 110.618$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 20.243, 293.858$, and $41, 20.061, 294.149$ is the 20% darker color. If you saturate the color by 10%, you get $55, 31.108, 295.640$, and if you desaturate by 10%, it is $67, 9.973, 293.291$.

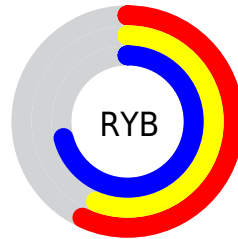
Distribution



Red (57%)

Green (56%)

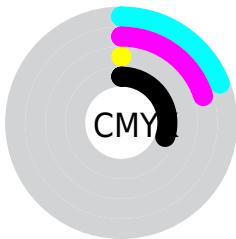
Blue (71%)



Red (57%)

Yellow (56%)

Blue (71%)

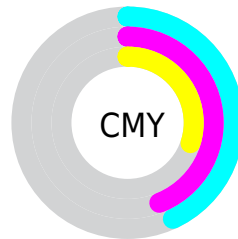


Cyan (19%)

Magenta (20%)

Yellow (0%)

Black (30%)



Cyan (43%)


Magenta (44%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 20.325, 294.375 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 61, 20.325, 294.375 by changing the saturation by 10% instead.


 61, 20.325,
294.375


 61, 20.325,
294.375


 100, 20.325,
294.375


 51, 20.325,
294.375


 81, 20.325,
294.375

 41, 20.325,
294.375

 91, 20.325,
294.375

 31, 20.325,
294.375

 21, 20.325,
294.375

 11, 20.325,
294.375

 1, 20.325, 294.375

 0, 20.325, 294.375

61, 20.325,
294.375

61, 20.325,
294.375

55, 31.108,
295.640

67, 9.973, 293.291

49, 42.340,
297.107

73, 0.029, 293.730

79, 9.537, 111.568

43, 53.993,
298.777

85, 18.751,
110.895

37, 65.930,
300.614

91, 27.640,
110.317

32, 77.768,
302.516

97, 36.226,
109.820

27, 88.666,
304.281

98, 37.768,
107.298

23, 97.210,
305.619

21, 102.639,

Harmonies

Complementary

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



61, 20.325, 294.375



72, 19.418, 110.618

Rectangle

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



61, 20.325, 294.375



61, 20.325, 344.375



61, 20.325, 114.375



61, 20.325, 164.375

Sweetspot

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



61, 20.324, 294.374



88, 7.361, 292.914



70, 12.103, 203.158



46, 4.884, 292.973



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



61, 20.324, 294.374



75, 30.523, 294.906



63, 21.524, 311.675



35, 5.597, 293.221



17, 91.084, 306.493



1, 13.328, 291.863

Inverse Universe

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



64, 23.210, 327.068



79, 34.555, 327.315



71, 21.014, 129.921



35, 6.501, 326.457



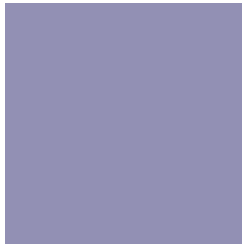
36, 75.617, 330.532



3, 15.353, 326.781

Previews

White Background



This preview shows how the CIELCh color 61, 20.325, 294.375 looks on a white background.

Color Contrast Check

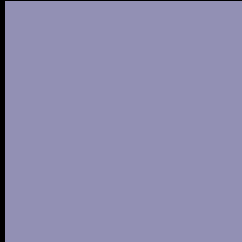
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 61, 20.325, 294.375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

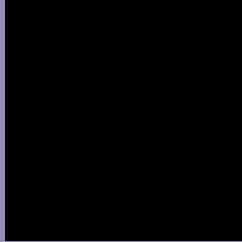
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 20.325, 294.375

Background



This preview shows how black text looks on a background with the CIELCh color 61, 20.325, 294.375.



This preview shows how white text looks on a background with the CIELCh color 61, 20.325, 294.375.

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

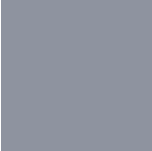
61, 20.325, 294.375

Protanopia

61, 19.792, 285.324

Deuteranopia

61, 20.311, 293.389



Tritanopia
61, 6.973, 275.507

Trichromacy



Original Color
61, 20.325, 294.375

Protanomaly
61, 20.300, 288.490

Deuteranomaly
61, 20.311, 293.389

Tritanomaly
61, 11.860, 286.224

Monochromacy



Original Color
61, 20.325, 294.375

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 7.904, 293.763

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 20.325, 294.375 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(146, 144, 180)` looks like.

```
.text, #text, p{  
    color:rgb(146, 144, 180)  
}
```

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(146, 144, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 144, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 20.325, 294.375 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(146, 144, 180) }
```

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

```
.border{ border-color:rgb(146, 144, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 144, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 144, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 144, 180);  
box-shadow:4px 4px 4px 4px rgb(146, 144,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 20.325, 294.375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 144, 180) }
```

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

```
.background{ background-color: rgb(146,  
144, 180) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor