

Converting Colors

CIELCh(60, 62.750, 324.175)

Have a look what the booklet for
CIELCh(60, 62.750, 324.175)
contains.

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Color

CIELCh(60, 62.529, 324.221)

Conversions

Conversions Part 1

Format	Color
Hex	C96ED2
RGB	201, 110, 210
RGB Percent	79%, 43%, 82%
CMY	0.2128, 0.5695, 0.1775
CMYK	0.04, 0.48, 0.00, 0.18
HSL	295°, 52%, 63%
HSV	295°, 48%, 82%
XYZ	41.1707, 28.1233, 64.0672
YIQ	148.6090, 22.1360, 50.3920

Conversions

Conversions Part 2

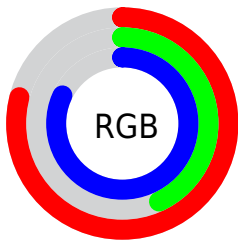
Format	Color
R _Y B	201, 110, 210
Decimal	13201106
CIE Lab	60.00, 50.73, -36.56
CIE LCh	60, 62.529, 324.221
Yxy	28.1233, 0.3087, 0.2109
Android (android.graphics.Color)	4291391186 (0xFFC96ED2)
YUV	148.6090, 30.2658, 45.9469
Hunter-Lab	53.0314, 45.7724, -34.5061

Details

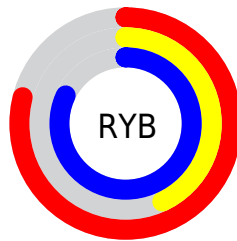
The CIELCh color **60, 62.529, 324.221** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **77, 62.241, 138.706**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 56.738, 326.377**, and **40, 62.577, 324.311** is the 20% darker color. If you saturate the color by 10%, you get **56, 74.036, 324.569**, and if you desaturate by 10%, it is **65, 49.975, 323.803**.

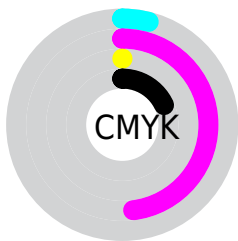
Distribution



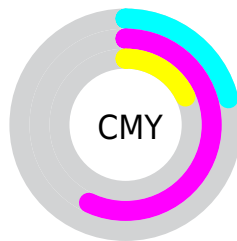
- Red (79%)
- Green (43%)
- Blue (82%)



- Red (79%)
- Yellow (43%)
- Blue (82%)



- Cyan (4%)
- Magenta (48%)
- Yellow (0%)
- Black (18%)





- Cyan (21%)
- Magenta (57%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 62.529, 324.221 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, 62.529, 324.221 by changing the saturation by 10% instead.


 60, 62.529,
324.221


 60, 62.529,
324.221


 100, 62.529,
324.221


 50, 62.529,
324.221


 80, 62.529,
324.221

 40, 62.529,
324.221

 90, 62.529,
324.221

 30, 62.529,
324.221

 20, 62.529,
324.221

 10, 62.529,
324.221

 0, 62.529, 324.221

 60, 62.529,

 60, 62.529,

324.221

56, 74.036,
324.569

53, 83.961,
324.819

50, 91.765,
324.944

48, 97.052,
324.923

47, 99.830,
324.752

47, 100.321,
324.704

324.221

65, 49.975,
323.803

69, 36.841,
323.340

75, 23.475,
322.850


80, 10.127,
322.344

85, 3.039, 141.963

91, 15.921,
141.425

96, 27.494,
140.917

96, 27.129,
139.783

 96, 26.773,
138.612

Harmonies

Complementary

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



60, 62.529, 324.221



77, 62.241, 138.706

Rectangle

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



60, 62.529, 324.221



60, 62.529, 14.221



60, 62.529, 144.221



60, 62.529, 194.221

Sweetspot

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



60, 62.527, 324.221



91, 21.758, 322.675



53, 51.887, 293.092



47, 15.039, 322.784



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 62.527, 324.221



67, 85.755, 324.568



60, 48.837, 342.948



41, 7.484, 322.434



37, 85.146, 324.756



5, 30.353, 324.493

Inverse Universe

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



58, 42.224, 18.039



65, 60.160, 20.421



77, 47.578, 153.942



41, 4.483, 12.657



35, 72.807, 36.033



4, 20.047, 15.272

Previews

White Background



This preview shows how the CIELCh color 60, 62.529, 324.221 looks on a white background.

Color Contrast Check

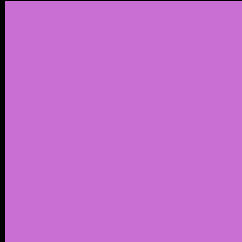
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 62.529, 324.221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

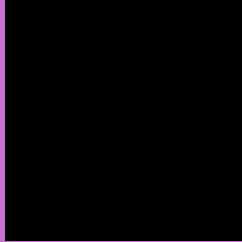
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 62.529, 324.221

Background



This preview shows how black text looks on a background with the CIELCh color 60, 62.529, 324.221.

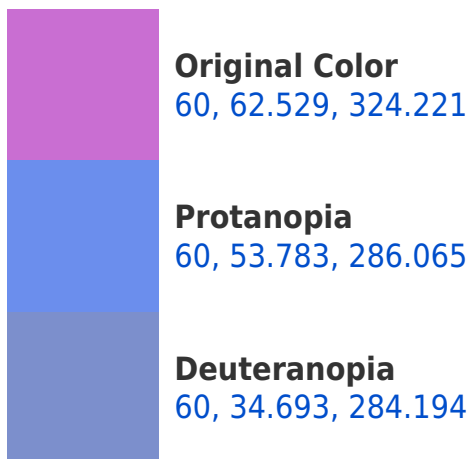


This preview shows how white text looks on a background with the CIELCh color 60, 62.529, 324.221.

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





Tritanopia
60, 26.598, 10.405

Trichromacy



Original Color
60, 62.529, 324.221



Protanomaly
59, 55.069, 299.321



Deuteranomaly
59, 43.170, 303.724



Tritanomaly
60, 36.293, 343.562

Monochromacy



Original Color
60, 62.529, 324.221



Achromatopsia
61, 0.008, 296.813



Achromatomaly
60, 23.787, 323.204

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 62.529, 324.221 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(201, 110, 210)` looks like.

```
.text, #text, p{  
    color:rgb(201, 110, 210)  
}
```

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(201, 110, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 110, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 62.529, 324.221 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(201, 110, 210) }
```

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

```
.border{ border-color:rgb(201, 110, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 110, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 110, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 110, 210);  
box-shadow:4px 4px 4px 4px rgb(201, 110,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 62.529, 324.221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 110, 210) }
```

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

```
.background{ background-color: rgb(201,  
110, 210) }
```

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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