

Converting Colors

CIELCh(62, 79.424, 324.998)

Have a look what the booklet for
CIELCh(62, 79.424, 324.998)
contains.

CIELCh(62, 79.516, 324.999)	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(62, 79.516, 324.999)

Conversions

Conversions Part 1

Format	Color
Hex	DE64E8
RGB	222, 100, 232
RGB Percent	87%, 39%, 91%
CMY	0.1301, 0.6085, 0.0908
CMYK	0.04, 0.57, 0.00, 0.09
HSL	295°, 74%, 65%
HSV	295°, 57%, 91%
XYZ	49.1554, 30.4025, 79.4980
YIQ	151.5260, 30.3400, 66.9160

Conversions

Conversions Part 2

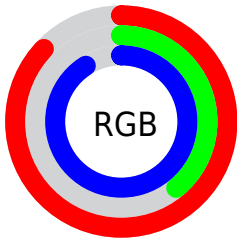
Format	Color
R _Y B	222, 100, 232
Decimal	14574824
CIE _{Lab}	62.00, 65.13, -45.61
CIE _{LCh}	62, 79.516, 324.999
Y _{xy}	30.4025, 0.3090, 0.1911
Android (android.graphics.Color)	4292764904 (0xFFDE64E8)
YUV	151.5260, 39.6737, 61.8057
Hunter-Lab	55.1385, 62.6387, -46.8866

Details

The CIELCh color **62, 79.516, 324.999** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **83, 79.529, 138.132**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 61.517, 326.536**, and **42, 79.739, 324.996** is the 20% darker color. If you saturate the color by 10%, you get **58, 90.296, 325.268**, and if you desaturate by 10%, it is **66, 66.999, 324.636**.

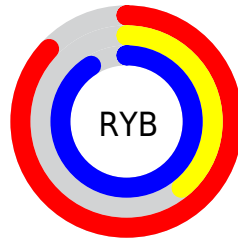
Distribution



Red (87%)

Green (39%)

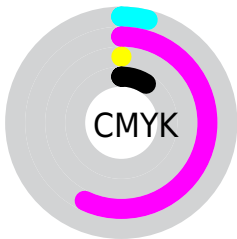
Blue (91%)



Red (87%)

Yellow (39%)

Blue (91%)

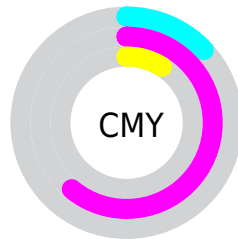


Cyan (4%)

Magenta (57%)

Yellow (0%)

Black (9%)



Cyan (13%)


Magenta (61%)

Yellow (9%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 79.516, 324.999 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 62, 79.516, 324.999 by changing the saturation by 10% instead.

 62, 79.516,
324.999


 62, 79.516,
324.999


 100, 79.516,
324.999

 52, 79.516,
324.999


 82, 79.516,
324.999

 42, 79.516,
324.999


 92, 79.516,
324.999

 32, 79.516,
324.999

 22, 79.516,
324.999

 12, 79.516,
324.999

 2, 79.516, 324.999

 0, 79.516, 324.999

62, 79.516,
324.999

62, 79.516,
324.999

58, 90.296,
325.268

66, 66.999,
324.636

55, 98.761,
325.416

71, 53.342,
324.205

53, 104.489,
325.426

76, 39.046,
323.730

52, 107.435,
325.291

82, 24.498,
323.229

52, 108.036,
325.235

88, 9.971, 322.710

94, 4.353, 142.302

98, 13.989,
141.286

98, 13.660,
139.140

■ 98, 13.351,
136.882

Harmonies

Complementary

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



62, 79.516, 324.999



83, 79.529, 138.132

Rectangle

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



62, 79.516, 324.999



62, 79.516, 14.999



62, 79.516, 144.999



62, 79.516, 194.999

Sweetspot

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



62, 79.514, 324.999



89, 26.570, 323.237



52, 69.874, 295.956



46, 17.786, 323.340



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 79.514, 324.999



63, 98.498, 325.297



61, 61.336, 345.105



45, 8.115, 322.844



40, 88.830, 325.284



8, 37.218, 325.724

Inverse Universe

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



59, 55.821, 21.377



60, 72.786, 24.869



83, 59.726, 153.319



45, 4.832, 13.811



37, 76.839, 36.895



6, 26.877, 18.626

Previews

White Background



This preview shows how the CIELCh color 62, 79.516, 324.999 looks on a white background.

Color Contrast Check

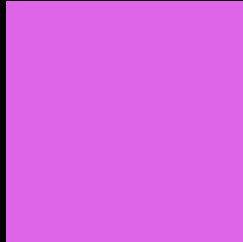
Large Text (above 18pt) WCAG AA × Fail

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 62, 79.516, 324.999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

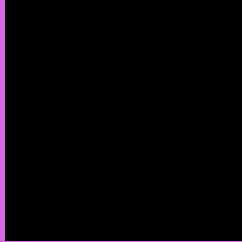
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 79.516, 324.999

Background



This preview shows how black text looks on a background with the CIELCh color 62, 79.516, 324.999.

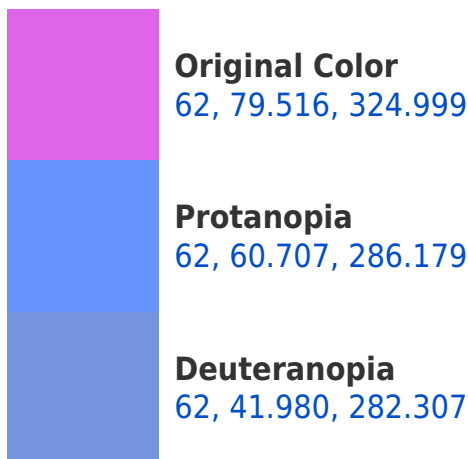


This preview shows how white text looks on a background with the CIELCh color 62, 79.516, 324.999.

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
62, 34.801, 15.264

Trichromacy



Original Color
62, 79.516, 324.999



Protanomaly
61, 65.998, 300.690



Deuteranomaly
61, 54.193, 303.744



Tritanomaly
61, 46.442, 345.424

Monochromacy



Original Color
62, 79.516, 324.999



Achromatopsia
62, 0.008, 296.813



Achromatomaly
61, 31.583, 324.082

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 79.516, 324.999 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(222, 100, 232)` looks like.

```
.text, #text, p{  
    color:rgb(222, 100, 232)  
}
```

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(222, 100, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 100, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 79.516, 324.999 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(222, 100, 232) }
```

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

```
.border{ border-color:rgb(222, 100, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 100, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 100, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 100, 232);  
box-shadow:4px 4px 4px 4px rgb(222, 100,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 79.516, 324.999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 100, 232) }
```

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

```
.background{ background-color: rgb(222,  
100, 232) }
```

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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