Converting Colors

CIELCh(62, 67.586, 326.196)

Have a look what the booklet for CIELCh(62, 67.586, 326.196) contains.

Color

CIELCh(62, 67.586, 326.196)

Conversions

Conversions Part 1

Format	Color
Hex	D66DD9
RGB	214, 109, 217
RGB Percent	84%, 43%, 85%
CMY	0.1592, 0.5711, 0.1475
CMYK	0.01, 0.50, 0.00, 0.15
HSL	298°, 59%, 64%
HSV	298°, 50%, 85%
XYZ	45.9311, 30.4025, 69.3578
YIQ	152.7070, 27.9120, 55.8480

Conversions

Conversions Part 2

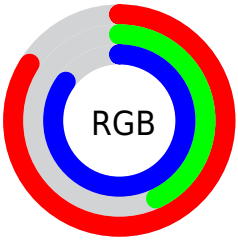
Format	Color
RYB	214, 109, 217
Decimal	14052825
CIELab	62.00, 56.16, -37.60
CIELCh	62, 67.586, 326.196
Yxy	30.4025, 0.3153, 0.2087
Android (android.graphics.Color)	4292242905 (0xFFD66DD9)
YUV	152.7070, 31.6964, 53.7540
Hunter-Lab	55.1385, 52.2004, -35.9829

Details

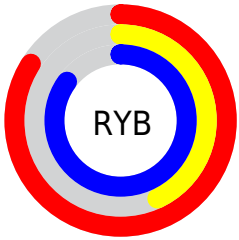
The CIELCh color 62, 67.586, 326.196 is a light color, and the websafe version is hex CC66CC. A complement of this color would be 79, 67.767, 139.831, and the grayscale version is 63, 0.008, 296.813.

A 20% lighter version of the original color is 79, 56.738, 326.377, and 42, 67.870, 326.162 is the 20% darker color. If you saturate the color by 10%, you get 58, 78.989, 326.576, and if you desaturate by 10%, it is 66, 54.866, 325.750.

Distribution

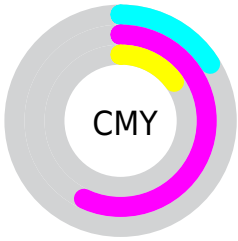


- Red (84%)
- Green (43%)
- Blue (85%)



- Red (84%)
- Yellow (43%)
- Blue (85%)

- Cyan (1%)
- Magenta (50%)
- Yellow (0%)
- Black (15%)



- Cyan (16%)
- Magenta (57%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 67.586, 326.196 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, 67.586, 326.196 by changing the saturation by 10% instead.

62, 67.586, 326.196

100, 67.586, 326.196

82, 67.586, 326.196

92, 67.586, 326.196

62, 67.586, 326.196

52, 67.586, 326.196

42, 67.586, 326.196

32, 67.586, 326.196

22, 67.586, 326.196

12, 67.586, 326.196

2, 67.586, 326.196

0, 67.586, 326.196

62, 67.586, 326.196

58, 78.989, 326.576

55, 88.529, 326.870

53, 95.715, 327.063

51, 100.276, 327.145

51, 102.523, 327.132

51, 102.582, 327.131

62, 67.586, 326.196

66, 54.866, 325.750

71, 41.345, 325.258

76, 27.435, 324.736

82, 13.442, 324.197

87, 0.422, 144.324

93, 14.019, 143.191

97, 23.282, 142.709

97, 23.160, 142.294

97, 23.040, 141.874

Harmonies

Complementary

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

62, 67.586, 326.196

79, 67.767, 139.831

Rectangle

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

62, 67.586, 326.196

62, 67.586, 16.196

62, 67.586, 146.196

62, 67.586, 196.196

Sweetspot

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

62, 67.584, 326.196

91, 23.758, 324.493

52, 60.404, 296.230

47, 16.222, 324.607

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, 67.584, 326.196

67, 90.113, 326.605

60, 50.241, 346.973

43, 7.933, 324.183

40, 86.658, 327.147

7, 34.464, 327.228

Inverse Universe

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

59, 46.201, 23.103

63, 64.988, 25.764

79, 48.114, 156.740

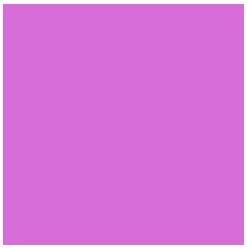
43, 4.638, 17.691

36, 77.045, 38.793

5, 23.797, 19.077

Previews

White Background

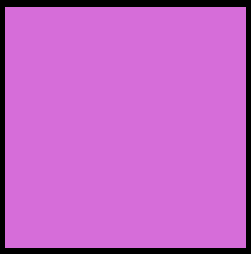


This preview shows how the CIELCh color 62, 67.586, 326.196 looks on a white background.

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



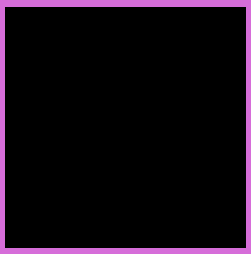
This preview shows how the CIELCh color 62, 67.586, 326.196 looks on a black background.

Color Contrast Check

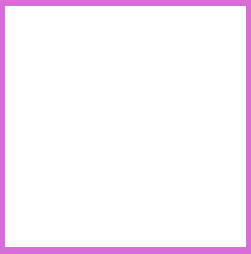
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

CIELCh 62, 67.586, 326.196 Background



This preview shows how black text looks on a background with the CIELCh color 62, 67.586, 326.196.

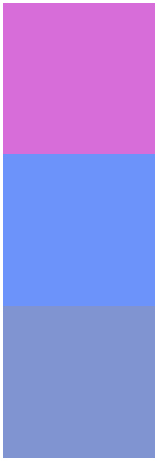


This preview shows how white text looks on a background with the CIELCh color 62, 67.586, 326.196.

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



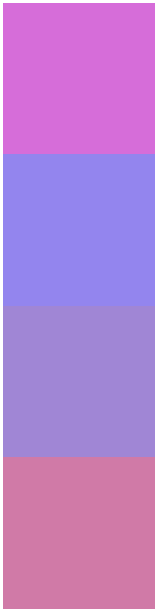
Original Color
62, 67.586, 326.196

Protanopia
62, 57.361, 286.129

Deuteranopia
62, 35.037, 284.253

Tritanopia
62, 30.982, 13.719

Trichromacy



Original Color
62, 67.586, 326.196

Protanomaly
61, 59.274, 300.116

Deuteranomaly
61, 45.420, 305.376

Tritanomaly
62, 40.499, 346.441

Monochromacy

Original Color
62, 67.586, 326.196

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 26.030, 324.908

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 67.586, 326.196 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(214, 109, 217) looks like.

```
.text, #text, p{
    color:rgb(214, 109, 217)
}
```

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(214, 109, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 109, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 67.586, 326.196 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(214, 109, 217) }
```

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

```
.border{ border-color:rgb(214, 109, 217) }
```

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

Here you see how a box with a 4 pixel rgb(214, 109, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 109, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 109, 217); box-shadow:4px 4px 4px 4px rgb(214, 109, 217) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 67.586, 326.196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(214, 109, 217) }
```

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

```
.background{ background-color:rgb(214,
109, 217) }
```

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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