

Converting Colors

CIELCh(62, 54.209, 333.587)

Have a look what the booklet for
CIELCh(62, 54.209, 333.587)
contains.

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Color

CIELCh(62, 53.775, 333.784)

Conversions

Conversions Part 1

Format	Color
Hex	D574C1
RGB	213, 116, 193
RGB Percent	84%, 45%, 76%
CMY	0.1655, 0.5458, 0.2439
CMYK	0.00, 0.46, 0.09, 0.17
HSL	312°, 53%, 64%
HSV	312°, 46%, 83%
XYZ	43.2065, 30.4025, 53.9267
YIQ	153.7810, 33.0950, 44.5110

Conversions

Conversions Part 2

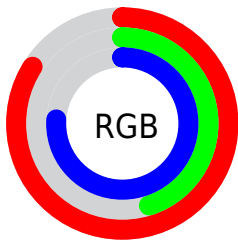
Format	Color
R _{YB}	213, 116, 193
Decimal	13989057
CIE _{Lab}	62.00, 48.24, -23.76
CIE _{LCh}	62, 53.775, 333.784
Yxy	30.4025, 0.3388, 0.2384
Android (android.graphics.Color)	4292179137 (0xFFD574C1)
YUV	153.7810, 19.3350, 51.9351
Hunter-Lab	55.1385, 43.3802, -19.3901

Details

The CIELCh color `62, 53.775, 333.784` is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be `78, 53.725, 146.791`, and the grayscale version is `63, 0.008, 296.813`.

A 20% lighter version of the original color is `80, 51.049, 327.952`, and `42, 53.748, 333.771` is the 20% darker color. If you saturate the color by 10%, you get `58, 64.071, 334.527`, and if you desaturate by 10%, it is `67, 42.487, 333.070`.

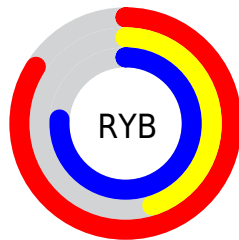
Distribution



Red (84%)

Green (45%)

Blue (76%)



Red (84%)

Yellow (45%)

Blue (76%)

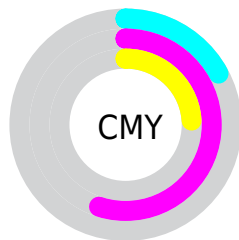


Cyan (0%)

Magenta (46%)

Yellow (9%)

Black (17%)



Cyan (17%)


Magenta (55%)

Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 53.775, 333.784 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, 53.775, 333.784 by changing the saturation by 10% instead.


 62, 53.775,
333.784


 62, 53.775,
333.784


 100, 53.775,
333.784


 52, 53.775,
333.784


 82, 53.775,
333.784

 42, 53.775,
333.784

 92, 53.775,
333.784

 32, 53.775,
333.784

 22, 53.775,
333.784

 12, 53.775,
333.784

 2, 53.775, 333.784

 0, 53.775, 333.784

62, 53.775,
333.784

62, 53.775,
333.784

58, 64.071,
334.527

67, 42.487,
333.070

54, 72.853,
335.309

72, 30.660,
332.380

52, 79.582,
336.151

77, 18.629,
331.710

50, 83.851,
337.083

82, 6.627, 331.040

49, 85.558,
338.147


88, 5.192, 150.541

48, 85.819,
338.651

93, 16.738,
149.914

96, 22.064,
151.307

97, 20.412,
155.445

 97, 18.873,
160.258

Harmonies

Complementary

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



62, 53.775, 333.784



78, 53.725, 146.791

Rectangle

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



62, 53.775, 333.784



62, 53.775, 23.784



62, 53.775, 153.784



62, 53.775, 203.784

Sweetspot

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



62, 53.772, 333.784



91, 19.379, 331.615



54, 56.117, 302.209



47, 13.393, 331.759



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, 53.772, 333.784



69, 73.437, 334.527



60, 41.193, 1.811



42, 6.800, 331.303



39, 73.037, 338.459



6, 28.317, 336.167

Inverse Universe

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



62, 53.772, 333.784



69, 73.437, 334.527



79, 35.923, 171.132



42, 6.800, 331.303



39, 73.037, 338.459



6, 28.317, 336.167

Previews

White Background



This preview shows how the CIELCh color 62, 53.775, 333.784 looks on a white background.

Color Contrast Check

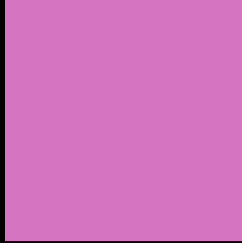
Large Text (above 18pt) WCAG AA × Fail

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, 53.775, 333.784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

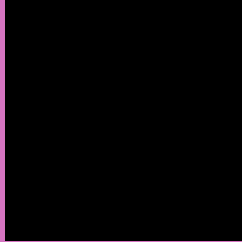
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 53.775, 333.784

Background



This preview shows how black text looks on a background with the CIELCh color 62, 53.775, 333.784.

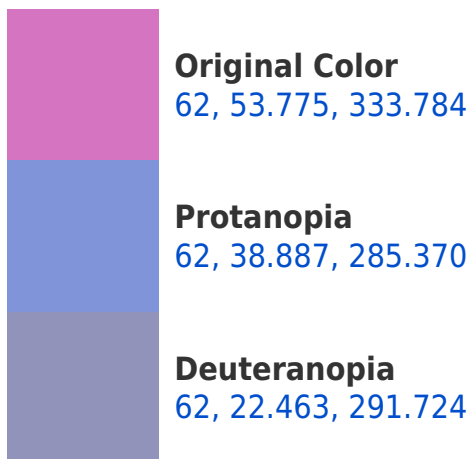


This preview shows how white text looks on a background with the CIELCh color 62, 53.775, 333.784.

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, 32.252, 14.259

Trichromacy



Original Color
62, 53.775, 333.784



Protanomaly
61, 41.384, 304.858



Deuteranomaly
62, 32.245, 315.052

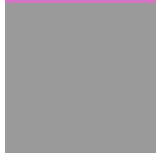


Tritanomaly
62, 37.011, 354.422

Monochromacy



Original Color
62, 53.775, 333.784



Achromatopsia
64, 0.008, 296.813



Achromatomaly
62, 20.523, 331.764

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 53.775, 333.784 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(213, 116, 193)` looks like.

```
.text, #text, p{  
    color:rgb(213, 116, 193)  
}
```

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(213, 116, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 116, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 53.775, 333.784 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(213, 116, 193) }
```

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

```
.border{ border-color:rgb(213, 116, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 116, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 116, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 116, 193);  
box-shadow:4px 4px 4px 4px rgb(213, 116,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 53.775, 333.784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 116, 193) }
```

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

```
.background{ background-color: rgb(213,  
116, 193) }
```

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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