

Converting Colors

CIELCh(65, 52.968, 328.122)

Have a look what the booklet for
CIELCh(65, 52.968, 328.122)
contains.

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Color

CIELCh(65, 52.492, 328.293)

Conversions

Conversions Part 1

Format	Color
Hex	D580D0
RGB	213, 128, 208
RGB Percent	84%, 50%, 82%
CMY	0.1655, 0.4988, 0.1851
CMYK	0.00, 0.40, 0.02, 0.17
HSL	304°, 50%, 67%
HSV	304°, 40%, 83%
XYZ	46.4344, 34.0472, 63.6677
YIQ	162.5350, 24.9800, 42.9000

Conversions

Conversions Part 2

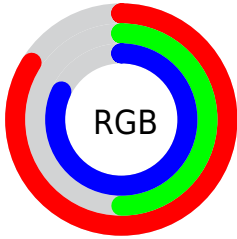
Format	Color
RYB	213, 128, 208
Decimal	13992144
CIELab	65.00, 44.66, -27.59
CIELCh	65, 52.492, 328.293
Yxy	34.0472, 0.3221, 0.2362
Android (android.graphics.Color)	4292182224 (0xFFD580D0)
YUV	162.5350, 22.4142, 44.2578
Hunter-Lab	58.3500, 39.9364, -23.8485

Details

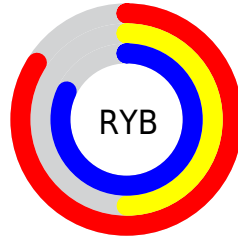
The CIELCh color $65, 52.492, 328.293$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $78, 52.590, 142.968$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 45.110, 325.986$, and $45, 52.280, 328.548$ is the 20% darker color. If you saturate the color by 10%, you get $61, 64.494, 328.817$, and if you desaturate by 10%, it is $70, 39.673, 327.742$.

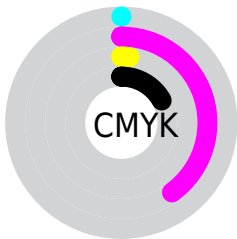
Distribution



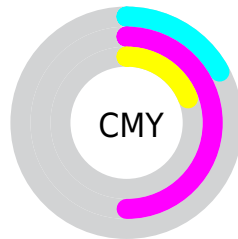
- Red (84%)
- Green (50%)
- Blue (82%)



- Red (84%)
- Yellow (50%)
- Blue (82%)



- Cyan (0%)
- Magenta (40%)
- Yellow (2%)
- Black (17%)





- Cyan (17%)
- Magenta (50%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 52.492, 328.293 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 65, 52.492, 328.293 by changing the saturation by 10% instead.


 65, 52.492,
328.293


 65, 52.492,
328.293


 100, 52.492,
328.293


 55, 52.492,
328.293


 85, 52.492,
328.293

 45, 52.492,
328.293

 95, 52.492,
328.293

 35, 52.492,
328.293

 25, 52.492,
328.293

 15, 52.492,
328.293

 5, 52.492, 328.293

 0, 52.492, 328.293

65, 52.492,
328.293

65, 52.492,
328.293

61, 64.494,
328.817

70, 39.673,
327.742

57, 75.186,
329.301

75, 26.452,
327.174

54, 84.027,
329.737

80, 13.133,
326.596

52, 90.547,
330.118

85, 0.075, 149.849

51, 94.496,
330.448

91, 13.035,
145.531


50, 96.226,
330.741

96, 25.370,
145.023

50, 96.235,
330.743

96, 24.851,
145.877

96, 24.337,
146.766

 96, 23.827,
147.691

Harmonies

Complementary

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



65, 52.492, 328.293



78, 52.590, 142.968

Rectangle

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



65, 52.492, 328.293



65, 52.492, 18.293



65, 52.492, 148.293



65, 52.492, 198.293

Sweetspot

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



65, 52.489, 328.293



93, 18.391, 326.723



57, 48.501, 297.004



48, 12.206, 326.800



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 52.489, 328.293



73, 72.026, 328.744



64, 38.316, 350.669



42, 7.539, 326.566



40, 81.770, 330.703



6, 31.575, 330.034

Inverse Universe

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



65, 52.489, 328.293



73, 72.026, 328.744



79, 36.027, 162.394



42, 7.539, 326.566



40, 81.770, 330.703



6, 31.575, 330.034

Previews

White Background



This preview shows how the CIELCh color 65, 52.492, 328.293 looks on a white background.

Color Contrast Check

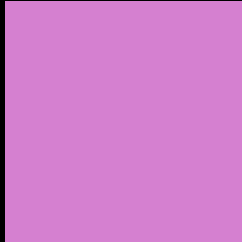
Large Text (above 18pt) WCAG AA × Fail

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 65, 52.492, 328.293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

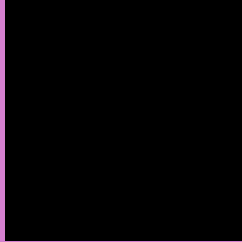
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 52.492, 328.293

Background



This preview shows how black text looks on a background with the CIELCh color 65, 52.492, 328.293.




This preview shows how white text looks on a background with the CIELCh color 65, 52.492, 328.293.

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
65, 26.997, 9.412

Trichromacy



Original Color
65, 52.492, 328.293



Protanomaly
65, 42.275, 301.771



Deuteranomaly
65, 34.923, 309.377



Tritanomaly
65, 33.529, 346.966

Monochromacy



Original Color
65, 52.492, 328.293



Achromatopsia
67, 0.008, 296.813



Achromatomaly
66, 19.621, 326.247

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 52.492, 328.293 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, 128, 208)` looks like.

```
.text, #text, p{  
    color:rgb(213, 128, 208)  
}
```

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, 128, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 128, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 52.492, 328.293 is called "border". The border property can be set on classes, ids or directly on the HTML element.

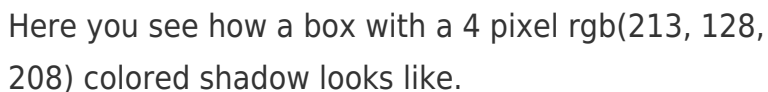
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 128, 208) }
```

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

```
.border{ border-color:rgb(213, 128, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(213, 128, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 128, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 128, 208); box-shadow:4px 4px 4px 4px rgb(213, 128, 208) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 52.492, 328.293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 128, 208) }
```

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

```
.background{ background-color: rgb(213,  
128, 208) }
```

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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