

Converting Colors

CIELCh(65, 51.729, 326.989)

Have a look what the booklet for
CIELCh(65, 51.729, 326.989)
contains.

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Color

CIELCh(65, 51.824, 326.849)

Conversions

Conversions Part 1

Format	Color
Hex	D281D1
RGB	210, 129, 209
RGB Percent	82%, 51%, 82%
CMY	0.1761, 0.4938, 0.1800
CMYK	0.00, 0.39, 0.00, 0.18
HSL	301°, 47%, 67%
HSV	301°, 39%, 82%
XYZ	45.9871, 34.0472, 64.5296
YIQ	162.3390, 22.5960, 42.0520

Conversions

Conversions Part 2

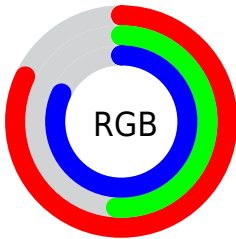
Format	Color
R _Y B	210, 129, 209
Decimal	13795793
CIE Lab	65.00, 43.39, -28.34
CIE LCh	65, 51.824, 326.849
Yxy	34.0472, 0.3181, 0.2355
Android (android.graphics.Color)	4291985873 (0xFFD281D1)
YUV	162.3390, 23.0039, 41.7987
Hunter-Lab	58.3500, 38.5680, -24.7242

Details

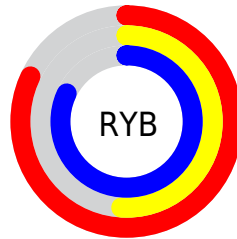
The CIELCh color $65, 51.824, 326.849$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $78, 51.910, 141.870$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 45.110, 325.986$, and $45, 51.729, 326.989$ is the 20% darker color. If you saturate the color by 10%, you get $61, 64.214, 327.333$, and if you desaturate by 10%, it is $70, 38.664, 326.327$.

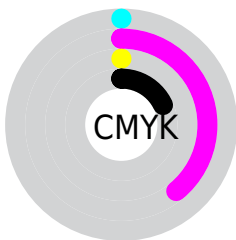
Distribution



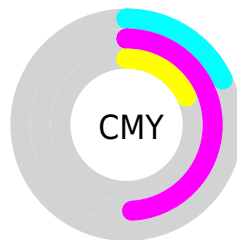
- Red (82%)
- Green (51%)
- Blue (82%)



- Red (82%)
- Yellow (51%)
- Blue (82%)



- Cyan (0%)
- Magenta (39%)
- Yellow (0%)
- Black (18%)





- Cyan (18%)
- Magenta (49%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 51.824, 326.849 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, 51.824, 326.849 by changing the saturation by 10% instead.


 65, 51.824,
326.849


 65, 51.824,
326.849


 100, 51.824,
326.849


 55, 51.824,
326.849


 85, 51.824,
326.849

 45, 51.824,
326.849

 95, 51.824,
326.849

 35, 51.824,
326.849

 25, 51.824,
326.849

 15, 51.824,
326.849

 5, 51.824, 326.849

 0, 51.824, 326.849

65, 51.824,
326.849

65, 51.824,
326.849

61, 64.214,
327.333

70, 38.664,
326.327

57, 75.353,
327.762

75, 25.139,
325.781

54, 84.709,
328.122

80, 11.542,
325.218

52, 91.813,
328.401

85, 1.923, 144.835

51, 96.391,
328.597

90, 15.123,
144.176


50, 98.637,
328.718

96, 27.889,
143.655

50, 98.889,
328.734

96, 27.779,
143.810

96, 27.669,
143.965

 96, 27.560,
144.122

Harmonies

Complementary

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



65, 51.824, 326.849



78, 51.910, 141.870

Rectangle

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



65, 51.824, 326.849



65, 51.824, 16.849



65, 51.824, 146.849



65, 51.824, 196.849

Sweetspot

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



65, 51.822, 326.849



93, 18.982, 325.422



57, 46.191, 295.289



48, 12.598, 325.497



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, 51.822, 326.849



74, 71.484, 327.238



64, 37.626, 347.448



41, 7.629, 325.267



40, 83.850, 328.726



6, 30.824, 328.222

Inverse Universe

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



65, 51.822, 326.849



74, 71.484, 327.238



78, 35.936, 159.877



41, 7.629, 325.267



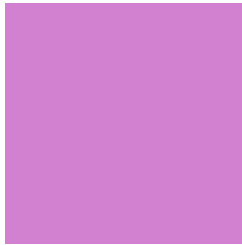
40, 83.850, 328.726



6, 30.824, 328.222

Previews

White Background



This preview shows how the CIELCh color 65, 51.824, 326.849 looks on a white background.

Color Contrast Check

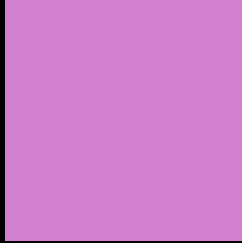
Large Text (above 18pt) WCAG AA × Fail

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 65, 51.824, 326.849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

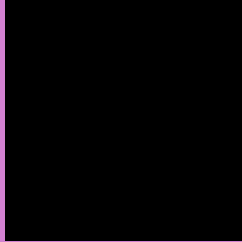
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 51.824, 326.849

Background



This preview shows how black text looks on a background with the CIELCh color 65, 51.824, 326.849.

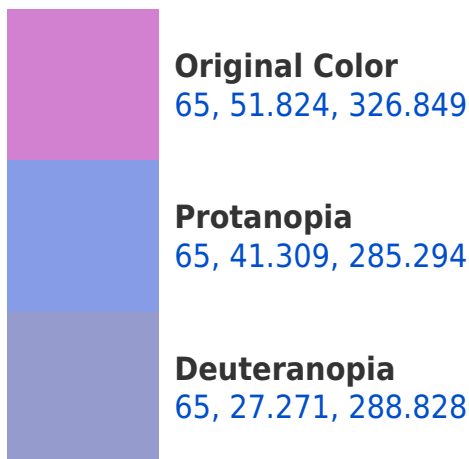


This preview shows how white text looks on a background with the CIELCh color 65, 51.824, 326.849.

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, 25.383, 8.367

Trichromacy



Original Color
65, 51.824, 326.849



Protanomaly
65, 42.784, 301.277



Deuteranomaly
65, 34.640, 307.698



Tritanomaly
65, 32.608, 345.596

Monochromacy



Original Color
65, 51.824, 326.849



Achromatopsia
67, 0.008, 296.813



Achromatomaly
65, 19.416, 325.306

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 51.824, 326.849 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(210, 129, 209)` looks like.

```
.text, #text, p{  
    color:rgb(210, 129, 209)  
}
```

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(210, 129, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 129, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 51.824, 326.849 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(210, 129, 209) }
```

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

```
.border{ border-color:rgb(210, 129, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 129, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 129, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 129, 209);  
box-shadow:4px 4px 4px 4px rgb(210, 129,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 51.824, 326.849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 129, 209) }
```

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

```
.background{ background-color: rgb(210,  
129, 209) }
```

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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