

Converting Colors

CIELCh(65, 70.368, 328.963)

Have a look what the booklet for
CIELCh(65, 70.368, 328.963)
contains.

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Color

CIELCh(65, 70.264, 328.904)

Conversions

Conversions Part 1

Format	Color
Hex	E771E0
RGB	231, 113, 224
RGB Percent	91%, 44%, 88%
CMY	0.0953, 0.5580, 0.1227
CMYK	0.00, 0.51, 0.03, 0.10
HSL	304°, 71%, 67%
HSV	304°, 51%, 90%
XYZ	52.1399, 34.0472, 74.1308
YIQ	160.9360, 34.6970, 59.5370

Conversions

Conversions Part 2

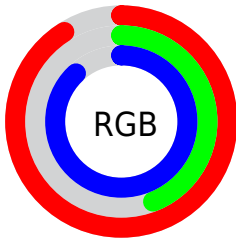
Format	Color
R _{YB}	231, 113, 224
Decimal	15167968
CIE _{Lab}	65.00, 60.17, -36.29
CIE _{LCh}	65, 70.264, 328.904
Y _{xy}	34.0472, 0.3252, 0.2124
Android (android.graphics.Color)	4293358048 (0xFFE771E0)
YUV	160.9360, 31.0906, 61.4461
Hunter-Lab	58.3500, 57.3902, -34.4801

Details

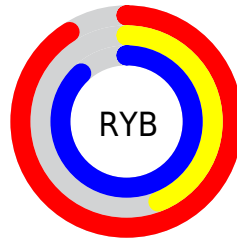
The CIELCh color $65, 70.264, 328.904$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $83, 70.771, 141.719$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 53.712, 326.276$, and $45, 70.064, 329.044$ is the 20% darker color. If you saturate the color by 10%, you get $61, 81.419, 329.385$, and if you desaturate by 10%, it is $69, 57.613, 328.382$.

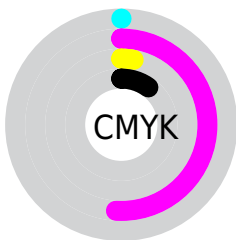
Distribution



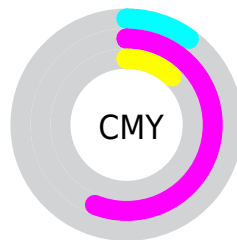
- Red (91%)
- Green (44%)
- Blue (88%)



- Red (91%)
- Yellow (44%)
- Blue (88%)



- Cyan (0%)
- Magenta (51%)
- Yellow (3%)
- Black (10%)





- Cyan (10%)
- Magenta (56%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 70.264, 328.904 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, 70.264, 328.904 by changing the saturation by 10% instead.


 65, 70.264,
328.904


 65, 70.264,
328.904


 100, 70.264,
328.904


 55, 70.264,
328.904


 85, 70.264,
328.904

 45, 70.264,
328.904

 95, 70.264,
328.904

 35, 70.264,
328.904

 25, 70.264,
328.904

 15, 70.264,
328.904

 5, 70.264, 328.904

 0, 70.264, 328.904

65, 70.264,
328.904

65, 70.264,
328.904

61, 81.419,
329.385

69, 57.613,
328.382

58, 90.506,
329.815

74, 44.022,
327.831

56, 97.043,
330.191

80, 29.947,
327.262

55, 100.810,
330.516

85, 15.728,
326.682


54, 102.203,
330.776

91, 1.606, 325.948

97, 12.265,
145.609

98, 14.094,
146.886

98, 13.542,
148.657

 98, 13.003,
150.572

Harmonies

Complementary

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



65, 70.264, 328.904



83, 70.771, 141.719

Rectangle

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



65, 70.264, 328.904



65, 70.264, 18.904



65, 70.264, 148.904



65, 70.264, 198.904

Sweetspot

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



65, 70.261, 328.904



91, 23.012, 326.912



53, 67.867, 298.988



47, 15.712, 327.035



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, 70.261, 328.904



67, 88.042, 329.394



63, 51.902, 352.434



45, 7.978, 326.583



42, 84.424, 330.731



8, 35.682, 330.325

Inverse Universe

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



65, 70.261, 328.904



67, 88.042, 329.394



84, 48.203, 160.857



45, 7.978, 326.583



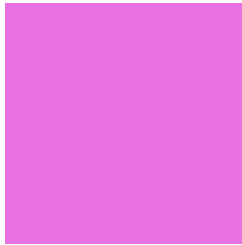
42, 84.424, 330.731



8, 35.682, 330.325

Previews

White Background



This preview shows how the CIELCh color 65, 70.264, 328.904 looks on a white background.

Color Contrast Check

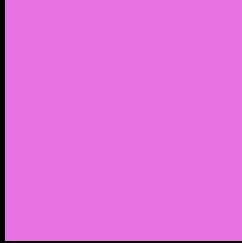
Large Text (above 18pt) WCAG AA × Fail

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, 70.264, 328.904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

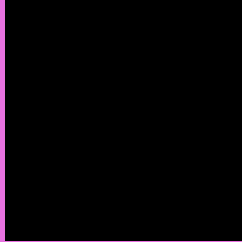
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 70.264, 328.904

Background



This preview shows how black text looks on a background with the CIELCh color 65, 70.264, 328.904.

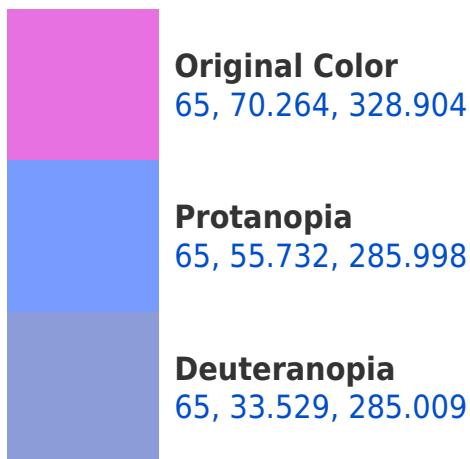


This preview shows how white text looks on a background with the CIELCh color 65, 70.264, 328.904.

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, 36.545, 14.938

Trichromacy



Original Color
65, 70.264, 328.904



Protanomaly
64, 58.370, 301.669



Deuteranomaly
64, 45.522, 308.184



Tritanomaly
65, 44.969, 350.082

Monochromacy



Original Color
65, 70.264, 328.904



Achromatopsia
66, 0.008, 296.813



Achromatomaly
65, 27.733, 326.986

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 70.264, 328.904 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(231, 113, 224)` looks like.

```
.text, #text, p{  
    color:rgb(231, 113, 224)  
}
```

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(231, 113, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 113, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 70.264, 328.904 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(231, 113, 224) }
```

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

```
.border{ border-color:rgb(231, 113, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 113, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 113, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 113, 224);  
box-shadow:4px 4px 4px 4px rgb(231, 113,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 70.264, 328.904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 113, 224) }
```

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

```
.background{ background-color: rgb(231,  
113, 224) }
```

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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