

Converting Colors

CIELCh(69, 65.455, 327.375)

Have a look what the booklet for
CIELCh(69, 65.455, 327.375)
contains.

CIELCh(69, 65.455, 327.375)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(69, 65.455, 327.375)

Conversions

Conversions Part 1

Format	Color
Hex	EB81E9
RGB	235, 129, 233
RGB Percent	92%, 51%, 91%
CMY	0.0776, 0.4933, 0.0855
CMYK	0.00, 0.45, 0.01, 0.08
HSL	301°, 73%, 71%
HSV	301°, 45%, 92%
XYZ	56.9432, 39.3444, 81.8362
YIQ	172.5500, 29.7920, 54.8160

Conversions

Conversions Part 2

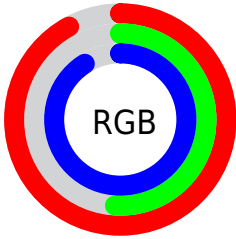
Format	Color
RYB	235, 129, 233
Decimal	15434217
CIELab	69.00, 55.13, -35.29
CIELCh	69, 65.455, 327.375
Yxy	39.3444, 0.3197, 0.2209
Android (android.graphics.Color)	4293624297 (0xFFEB81E9)
YUV	172.5500, 29.8018, 54.7686
Hunter-Lab	62.7251, 52.2771, -33.4470

Details

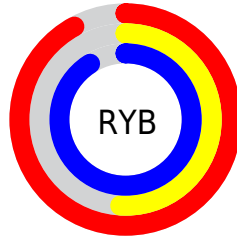
The CIELCh color $69, 65.455, 327.375$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $85, 65.704, 141.337$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $84, 43.869, 325.944$, and $49, 65.374, 327.327$ is the 20% darker color. If you saturate the color by 10%, you get $65, 78.100, 327.834$, and if you desaturate by 10%, it is $74, 51.606, 326.869$.

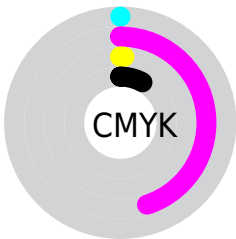
Distribution



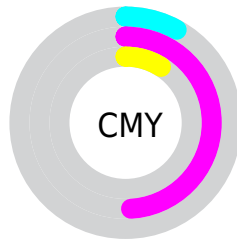
- Red (92%)
- Green (51%)
- Blue (91%)



- Red (92%)
- Yellow (51%)
- Blue (91%)



- Cyan (0%)
- Magenta (45%)
- Yellow (1%)
- Black (8%)





- Cyan (8%)
- Magenta (49%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 65.455, 327.375 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 69, 65.455, 327.375 by changing the saturation by 10% instead.


 69, 65.455,
327.375


 69, 65.455,
327.375


 100, 65.455,
327.375


 59, 65.455,
327.375


 89, 65.455,
327.375

 49, 65.455,
327.375

 99, 65.455,
327.375

 39, 65.455,
327.375

 29, 65.455,
327.375

 19, 65.455,
327.375

 9, 65.455, 327.375

 0, 65.455, 327.375

69, 65.455,
327.375

69, 65.455,
327.375

65, 78.100,
327.834

74, 51.606,
326.869

61, 88.967,
328.229

79, 37.074,
326.330

59, 97.494,
328.549

84, 22.258,
325.772

57, 103.291,
328.788

90, 7.450, 325.190

96, 7.154, 144.722

56, 106.310,
328.949

98, 12.048,
144.916

56, 107.092,
329.010

98, 11.863,
145.545

98, 11.679,
146.193

■ 98, 11.496,
146.862

Harmonies

Complementary

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



69, 65.455, 327.375



85, 65.704, 141.337

Rectangle

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



69, 65.455, 327.375



69, 65.455, 17.375



69, 65.455, 147.375



69, 65.455, 197.375

Sweetspot

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



69, 65.452, 327.375



91, 22.067, 325.715



59, 60.044, 297.001



47, 15.247, 325.838



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 65.452, 327.375



70, 81.965, 327.798



67, 47.570, 349.364



46, 8.350, 325.452



43, 88.052, 328.997



9, 37.787, 328.883

Inverse Universe

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



69, 65.452, 327.375



70, 81.965, 327.798



86, 44.946, 159.882



46, 8.350, 325.452



43, 88.052, 328.997



9, 37.787, 328.883

Previews

White Background



This preview shows how the CIELCh color 69, 65.455, 327.375 looks on a white background.

Color Contrast Check

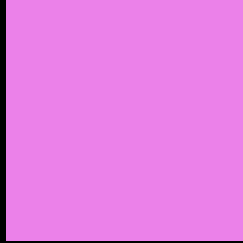
Large Text (above 18pt) WCAG AA × Fail

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 69, 65.455, 327.375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

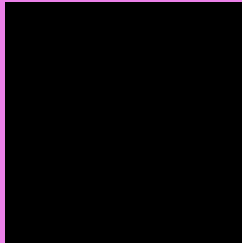
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 65.455, 327.375

Background



This preview shows how black text looks on a background with the CIELCh color 69, 65.455, 327.375.

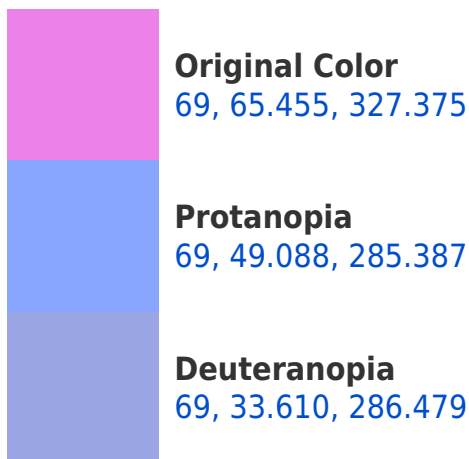


This preview shows how white text looks on a background with the CIELCh color 69, 65.455, 327.375.

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
69, 32.342, 12.195

Trichromacy



Original Color
69, 65.455, 327.375



Protanomaly
68, 52.254, 301.780



Deuteranomaly
68, 43.153, 307.245



Tritanomaly
69, 40.798, 347.183

Monochromacy



Original Color
69, 65.455, 327.375



Achromatopsia
71, 0.009, 296.813



Achromatomaly
69, 25.257, 326.217

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 65.455, 327.375 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(235, 129, 233)` looks like.

```
.text, #text, p{  
    color:rgb(235, 129, 233)  
}
```

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(235, 129, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 129, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 65.455, 327.375 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(235, 129, 233) }
```

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

```
.border{ border-color:rgb(235, 129, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 129, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 129, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 129, 233);  
box-shadow:4px 4px 4px 4px rgb(235, 129,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 65.455, 327.375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 129, 233) }
```

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

```
.background{ background-color: rgb(235,  
129, 233) }
```

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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