

Converting Colors

CIELCh(65, 79.094, 326.578)

Have a look what the booklet for
CIELCh(65, 79.094, 326.578)
contains.

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Color

CIELCh(65, 79.019, 326.553)

Conversions

Conversions Part 1

Format	Color
Hex	EA6BED
RGB	234, 107, 237
RGB Percent	92%, 42%, 93%
CMY	0.0830, 0.5810, 0.0713
CMYK	0.01, 0.55, 0.00, 0.07
HSL	299°, 78%, 67%
HSV	299°, 55%, 93%
XYZ	54.3746, 34.0472, 83.6953
YIQ	159.7930, 33.9620, 67.3540

Conversions

Conversions Part 2

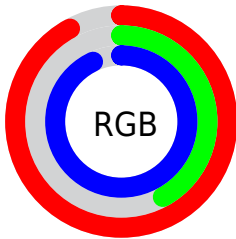
Format	Color
RYB	234, 107, 237
Decimal	15363053
CIELab	65.00, 65.93, -43.55
CIELCh	65, 79.019, 326.553
Yxy	34.0472, 0.3159, 0.1978
Android (android.graphics.Color)	4293553133 (0xFFEA6BED)
YUV	159.7930, 38.0631, 65.0795
Hunter-Lab	58.3500, 64.2263, -44.1987

Details

The CIELCh color **65, 79.019, 326.553** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **84, 79.460, 139.343**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 56.738, 326.377**, and **45, 79.185, 326.366** is the 20% darker color. If you saturate the color by 10%, you get **61, 90.200, 326.895**, and if you desaturate by 10%, it is **69, 66.084, 326.135**.

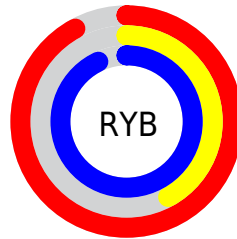
Distribution



Red (92%)

Green (42%)

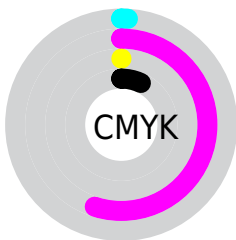
Blue (93%)



Red (92%)

Yellow (42%)

Blue (93%)

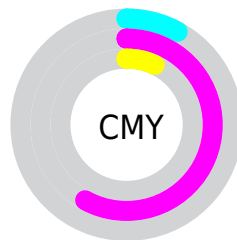


Cyan (1%)

Magenta (55%)

Yellow (0%)

Black (7%)



Cyan (8%)


Magenta (58%)


Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 79.019, 326.553 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, 79.019, 326.553 by changing the saturation by 10% instead.


 65, 79.019,
326.553


 65, 79.019,
326.553


 100, 79.019,
326.553


 55, 79.019,
326.553


 85, 79.019,
326.553

 45, 79.019,
326.553

 95, 79.019,
326.553

 35, 79.019,
326.553

 25, 79.019,
326.553

 15, 79.019,
326.553

 5, 79.019, 326.553

 0, 79.019, 326.553

65, 79.019,
326.553

65, 79.019,
326.553

61, 90.200,
326.895

69, 66.084,
326.135

59, 99.058,
327.142

74, 51.989,
325.659

57, 105.177,
327.284

79, 37.242,
325.146

56, 108.477,
327.318

85, 22.238,
324.610


55, 109.394,
327.307

91, 7.261, 324.048

97, 7.500, 143.597

98, 11.147,
142.857

98, 11.040,
142.044

 98, 10.934,
141.214

Harmonies

Complementary

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



65, 79.019, 326.553



84, 79.460, 139.343

Rectangle

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



65, 79.019, 326.553



65, 79.019, 16.553



65, 79.019, 146.553



65, 79.019, 196.553

Sweetspot

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



65, 79.016, 326.553



90, 25.386, 324.674



53, 72.317, 297.412



47, 17.151, 324.786



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, 79.016, 326.553



65, 96.837, 326.935



63, 58.843, 347.779



46, 8.397, 324.312



42, 89.456, 327.322



9, 38.300, 327.455

Inverse Universe

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



61, 55.510, 24.680



61, 72.251, 27.882



85, 56.358, 155.950



46, 4.904, 18.066



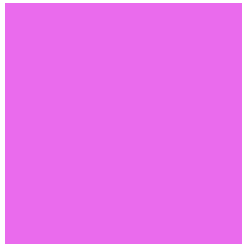
38, 79.809, 39.037



7, 28.435, 21.779

Previews

White Background



This preview shows how the CIELCh color 65, 79.019, 326.553 looks on a white background.

Color Contrast Check

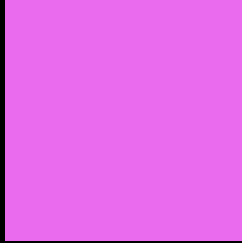
Large Text (above 18pt) WCAG AA × Fail

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, 79.019, 326.553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

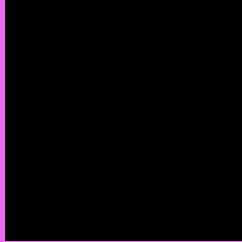
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 79.019, 326.553

Background



This preview shows how black text looks on a background with the CIELCh color 65, 79.019, 326.553.



This preview shows how white text looks on a background with the CIELCh color 65, 79.019, 326.553.

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



Original Color
65, 79.019, 326.553

Protanopia
65, 55.763, 285.766

Deuteranopia
65, 39.852, 282.672



Tritanopia
65, 36.978, 15.928

Trichromacy



Original Color
65, 79.019, 326.553



Protanomaly
63, 62.373, 302.372



Deuteranomaly
64, 52.263, 305.174



Tritanomaly
65, 47.333, 347.531

Monochromacy



Original Color
65, 79.019, 326.553



Achromatopsia
66, 0.008, 296.813



Achromatomaly
64, 31.027, 325.186

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 79.019, 326.553 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(234, 107, 237)` looks like.

```
.text, #text, p{  
    color:rgb(234, 107, 237)  
}
```

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(234, 107, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 107, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 79.019, 326.553 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(234, 107, 237) }
```

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

```
.border{ border-color:rgb(234, 107, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 107, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 107, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 107, 237);  
box-shadow:4px 4px 4px 4px rgb(234, 107,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 79.019, 326.553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 107, 237) }
```

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

```
.background{ background-color: rgb(234,  
107, 237) }
```

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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