

Converting Colors

CIELCh(65, 52.485, 338.556)

Have a look what the booklet for
CIELCh(65, 52.485, 338.556)
contains.

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Color

CIELCh(65, 52.325, 338.744)

Conversions

Conversions Part 1

Format	Color
Hex	E27BC1
RGB	226, 123, 193
RGB Percent	89%, 48%, 76%
CMY	0.1150, 0.5188, 0.2443
CMYK	0.00, 0.46, 0.15, 0.11
HSL	319°, 64%, 68%
HSV	319°, 46%, 89%
XYZ	47.9028, 34.0472, 54.3230
YIQ	161.7770, 38.9180, 43.6060

Conversions

Conversions Part 2

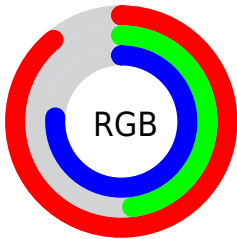
Format	Color
R _Y B	226, 123, 193
Decimal	14842817
CIE Lab	65.00, 48.77, -18.97
CIE LCh	65, 52.325, 338.744
Yxy	34.0472, 0.3515, 0.2498
Android (android.graphics.Color)	4293032897 (0xFFE27BC1)
YUV	161.7770, 15.3929, 56.3236
Hunter-Lab	58.3500, 44.4284, -14.3532

Details

The CIELCh color $65, 52.325, 338.744$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $82, 51.673, 150.876$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 46.141, 327.959$, and $45, 52.214, 339.092$ is the 20% darker color. If you saturate the color by 10%, you get $61, 62.393, 339.753$, and if you desaturate by 10%, it is $70, 41.298, 337.833$.

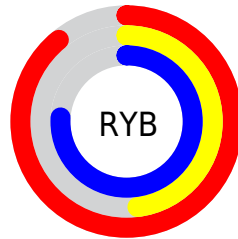
Distribution



Red (89%)

Green (48%)

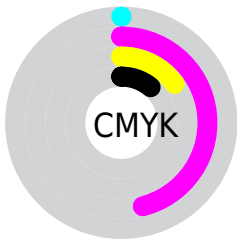
Blue (76%)



Red (89%)

Yellow (48%)

Blue (76%)

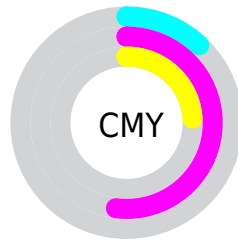


Cyan (0%)

Magenta (46%)

Yellow (15%)

Black (11%)



Cyan (12%)

Magenta (52%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 52.325, 338.744 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, 52.325, 338.744 by changing the saturation by 10% instead.

 65, 52.325,
338.744


 65, 52.325,
338.744

 100, 52.325,
338.744


 55, 52.325,
338.744


 85, 52.325,
338.744

 45, 52.325,
338.744

 95, 52.325,
338.744

 35, 52.325,
338.744

 25, 52.325,
338.744

 15, 52.325,
338.744

 5, 52.325, 338.744

 0, 52.325, 338.744

65, 52.325,
338.744

65, 52.325,
338.744

61, 62.393,
339.753

70, 41.298,
337.833

57, 70.960,
340.897

75, 29.774,
336.994

54, 77.454,
342.230

81, 18.087,
336.211

52, 81.437,
343.829

86, 6.464, 335.450

50, 82.811,
345.783

92, 4.953, 154.906

50, 82.908,
346.728

98, 14.196,
155.735

98, 11.863,
168.472

98, 10.327,
186.020

Harmonies

Complementary

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



65, 52.325, 338.744



82, 51.673, 150.876

Rectangle

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



65, 52.325, 338.744



65, 52.325, 28.744



65, 52.325, 158.744



65, 52.325, 208.744

Sweetspot

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



65, 52.322, 338.745



91, 17.874, 336.095



59, 59.231, 305.717



47, 12.357, 336.260



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, 52.322, 338.745



68, 68.164, 339.726



63, 42.507, 10.579



44, 6.513, 335.744



39, 69.054, 346.324



7, 29.009, 342.588

Inverse Universe

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



65, 52.322, 338.745



68, 68.164, 339.726



83, 34.504, 180.146



44, 6.513, 335.744



39, 69.054, 346.324



7, 29.009, 342.588

Previews

White Background



This preview shows how the CIELCh color 65, 52.325, 338.744 looks on a white background.

Color Contrast Check

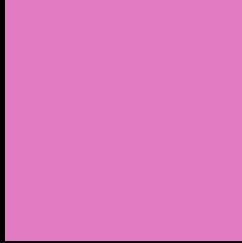
Large Text (above 18pt) WCAG AA × Fail

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, 52.325, 338.744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

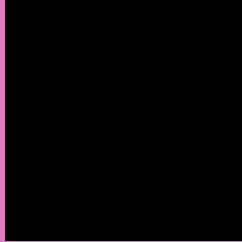
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 52.325, 338.744

Background



This preview shows how black text looks on a background with the CIELCh color 65, 52.325, 338.744.



This preview shows how white text looks on a background with the CIELCh color 65, 52.325, 338.744.

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, 52.325, 338.744

Protanopia

65, 34.071, 285.226

Deuteranopia

65, 18.499, 297.572



Tritanopia
65, 35.689, 14.610

Trichromacy



Original Color
65, 52.325, 338.744



Protanomaly
64, 36.993, 307.976



Deuteranomaly
64, 29.453, 321.979

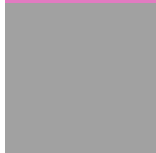


Tritanomaly
65, 39.701, 358.023

Monochromacy



Original Color
65, 52.325, 338.744



Achromatopsia
66, 0.008, 296.813



Achromatomaly
65, 20.340, 336.375

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 52.325, 338.744 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(226, 123, 193)` looks like.

```
.text, #text, p{  
    color:rgb(226, 123, 193)  
}
```

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(226, 123, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 123, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 52.325, 338.744 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(226, 123, 193) }
```

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

```
.border{ border-color:rgb(226, 123, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 123, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 123, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 123, 193); box-shadow:4px 4px 4px 4px rgb(226, 123, 193) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 52.325, 338.744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 123, 193) }
```

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

```
.background{ background-color: rgb(226,  
123, 193) }
```

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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