

Converting Colors

CIELCh(65, 41.514, 352.595)

Have a look what the booklet for
CIELCh(65, 41.514, 352.595)
contains.

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Color

CIELCh(65, 41.481, 352.568)

Conversions

Conversions Part 1

Format	Color
Hex	DF81A9
RGB	223, 129, 169
RGB Percent	87%, 51%, 66%
CMY	0.1274, 0.4958, 0.3390
CMYK	0.00, 0.42, 0.24, 0.13
HSL	334°, 59%, 69%
HSV	334°, 42%, 87%
XYZ	45.1986, 34.0472, 41.5107
YIQ	161.6660, 43.1840, 32.3680

Conversions

Conversions Part 2

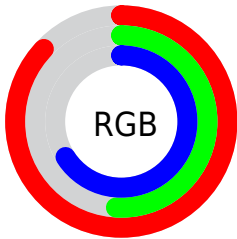
Format	Color
R _Y B	223, 129, 169
Decimal	14647721
CIE Lab	65.00, 41.13, -5.37
CIE LCh	65, 41.481, 352.568
Yxy	34.0472, 0.3743, 0.2819
Android (android.graphics.Color)	4292837801 (0xFFDF81A9)
YUV	161.6660, 3.6157, 53.7899
Hunter-Lab	58.3500, 36.1560, -1.3345

Details

The CIELCh color $65, 41.481, 352.568$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $82, 38.555, 163.476$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 33.059, 342.785$, and $45, 41.540, 352.697$ is the 20% darker color. If you saturate the color by 10%, you get $60, 50.861, 354.230$, and if you desaturate by 10%, it is $70, 31.623, 351.179$.

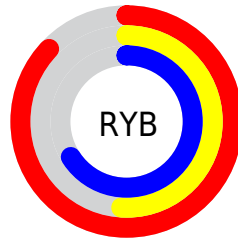
Distribution



Red (87%)

Green (51%)

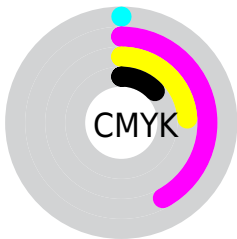
Blue (66%)



Red (87%)

Yellow (51%)

Blue (66%)

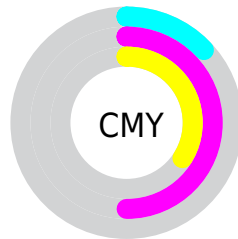


Cyan (0%)

Magenta (42%)

Yellow (24%)

Black (13%)



Cyan (13%)


Magenta (50%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 41.481, 352.568 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, 41.481, 352.568 by changing the saturation by 10% instead.


 65, 41.481,
352.568


 65, 41.481,
352.568


 100, 41.481,
352.568


 55, 41.481,
352.568


 85, 41.481,
352.568

 45, 41.481,
352.568

 95, 41.481,
352.568

 35, 41.481,
352.568

 25, 41.481,
352.568

 15, 41.481,
352.568

 5, 41.481, 352.568

 0, 41.481, 352.568

65, 41.481,
352.568

65, 41.481,
352.568

60, 50.861,
354.230

70, 31.623,
351.179

56, 59.323,
356.265

76, 21.637,
349.986

53, 66.356,
358.812

81, 11.752,
348.932

50, 71.541, 2.046

87, 2.108, 347.832

48, 74.752, 6.136

93, 7.221, 167.296

48, 76.309, 9.853

98, 12.316,
174.786

98, 10.982,
198.773

Harmonies

Complementary

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



65, 41.481, 352.568



82, 38.555, 163.476

Rectangle

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



65, 41.481, 352.568



65, 41.481, 42.568



65, 41.481, 172.568



65, 41.481, 222.568

Sweetspot

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



65, 41.478, 352.570



91, 13.979, 349.021



62, 55.254, 313.318



47, 9.811, 349.248



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, 41.478, 352.570



69, 55.540, 354.079



65, 37.332, 28.367



44, 5.476, 348.655



37, 63.976, 8.979



6, 25.833, 0.034

Inverse Universe

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



65, 41.478, 352.570



69, 55.540, 354.079



81, 27.259, 204.643



44, 5.476, 348.655



37, 63.976, 8.979



6, 25.833, 0.034

Previews

White Background



This preview shows how the CIELCh color 65, 41.481, 352.568 looks on a white background.

Color Contrast Check

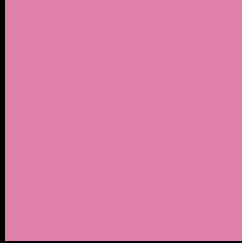
Large Text (above 18pt) WCAG AA × Fail

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, 41.481, 352.568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

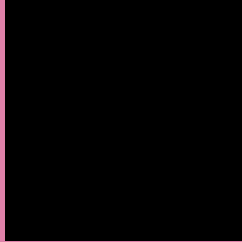
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 41.481, 352.568

Background



This preview shows how black text looks on a background with the CIELCh color 65, 41.481, 352.568.

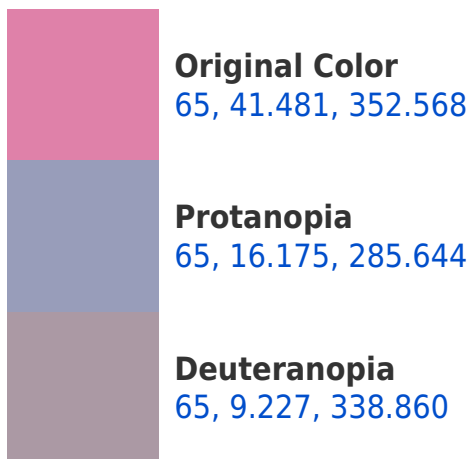


This preview shows how white text looks on a background with the CIELCh color 65, 41.481, 352.568.

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, 35.689, 14.610

Trichromacy



Original Color
65, 41.481, 352.568

Protanomaly
65, 21.696, 323.720

Deuteranomaly
65, 21.419, 347.041

Tritanomaly
65, 37.279, 5.852

Monochromacy



Original Color
65, 41.481, 352.568

Achromatopsia
66, 0.008, 296.813

Achromatomaly
65, 15.506, 348.626

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 41.481, 352.568 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(223, 129, 169)` looks like.

```
.text, #text, p{  
    color:rgb(223, 129, 169)  
}
```

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(223, 129, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 129, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 41.481, 352.568 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(223, 129, 169) }
```

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

```
.border{ border-color:rgb(223, 129, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 129, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 129, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 129, 169); box-shadow:4px 4px 4px 4px rgb(223, 129, 169) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 41.481, 352.568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 129, 169) }
```

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

```
.background{ background-color: rgb(223,  
129, 169) }
```

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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