

Converting Colors

CIELCh(64, 40.508, 354.239)

Have a look what the booklet for
CIELCh(64, 40.508, 354.239)
contains.

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Color

CIELCh(64, 40.306, 354.073)

Conversions

Conversions Part 1

Format	Color
Hex	DB7FA4
RGB	219, 127, 164
RGB Percent	86%, 50%, 64%
CMY	0.1423, 0.5029, 0.3579
CMYK	0.00, 0.42, 0.25, 0.14
HSL	336°, 56%, 68%
HSV	336°, 42%, 86%
XYZ	43.3644, 32.8017, 39.0471
YIQ	158.7260, 42.9550, 31.0110

Conversions

Conversions Part 2

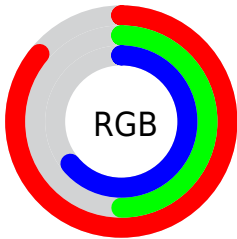
Format	Color
RYB	219, 127, 164
Decimal	14385060
CIELab	64.00, 40.09, -4.16
CIELCh	64, 40.306, 354.073
Yxy	32.8017, 0.3764, 0.2847
Android (android.graphics.Color)	4292575140 (0xFFDB7FA4)
YUV	158.7260, 2.6001, 52.8603
Hunter-Lab	57.2727, 34.9251, -0.3315

Details

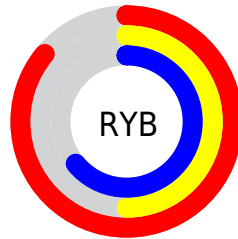
The CIELCh color $64, 40.306, 354.073$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $81, 37.150, 164.890$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 33.404, 345.604$, and $44, 40.373, 354.314$ is the 20% darker color. If you saturate the color by 10%, you get $59, 49.543, 355.791$, and if you desaturate by 10%, it is $69, 30.644, 352.644$.

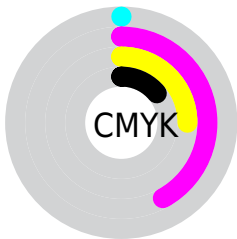
Distribution



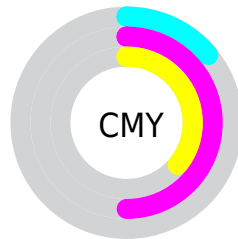
- Red (86%)
- Green (50%)
- Blue (64%)



- Red (86%)
- Yellow (50%)
- Blue (64%)



- Cyan (0%)
- Magenta (42%)
- Yellow (25%)
- Black (14%)





- Cyan (14%)
- Magenta (50%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 40.306, 354.073 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 64, 40.306, 354.073 by changing the saturation by 10% instead.

 64, 40.306,
354.073


 64, 40.306,
354.073


 100, 40.306,
354.073


 54, 40.306,
354.073


 84, 40.306,
354.073

 44, 40.306,
354.073

 94, 40.306,
354.073

 34, 40.306,
354.073

 24, 40.306,
354.073

 14, 40.306,
354.073

 4, 40.306, 354.073

 0, 40.306, 354.073

64, 40.306,
354.073

64, 40.306,
354.073

59, 49.543,
355.791

69, 30.644,
352.644

55, 57.932,
357.901

75, 20.891,
351.422

52, 64.984, 0.551

80, 11.262,
350.348

49, 70.293, 3.917

86, 1.888, 349.208

47, 73.742, 8.165

92, 7.163, 168.691

47, 75.590, 12.096

97, 14.211,
171.096

98, 12.216,
198.690

Harmonies

Complementary

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



64, 40.306, 354.073



81, 37.150, 164.890

Rectangle

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



64, 40.306, 354.073



64, 40.306, 44.073



64, 40.306, 174.073



64, 40.306, 224.073

Sweetspot

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



64, 40.303, 354.075



91, 13.784, 350.457



62, 54.376, 313.837



47, 9.677, 350.689



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 40.303, 354.075



69, 54.004, 355.490



65, 36.146, 29.604



43, 5.296, 350.082



37, 63.461, 11.187



6, 24.308, 1.064

Inverse Universe

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



64, 40.303, 354.075



69, 54.004, 355.490



80, 26.394, 206.604



43, 5.296, 350.082



37, 63.461, 11.187



6, 24.308, 1.064

Previews

White Background



This preview shows how the CIELCh color 64, 40.306, 354.073 looks on a white background.

Color Contrast Check

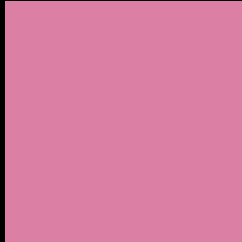
Large Text (above 18pt) WCAG AA × Fail

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 64, 40.306, 354.073 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 64, 40.306, 354.073

Background



This preview shows how black text looks on a background with the CIELCh color 64, 40.306, 354.073.



This preview shows how white text looks on a background with the CIELCh color 64, 40.306, 354.073.

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
64, 40.306, 354.073

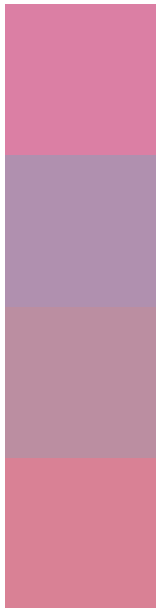
Protanopia
64, 15.075, 287.732

Deuteranopia
64, 8.568, 344.490



Tritanopia
64, 34.966, 14.362

Trichromacy



Original Color
64, 40.306, 354.073

Protanomaly
64, 21.055, 326.271

Deuteranomaly
64, 20.336, 350.375

Tritanomaly
64, 36.527, 6.266

Monochromacy



Original Color
64, 40.306, 354.073

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 14.684, 351.505

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 40.306, 354.073 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(219, 127, 164)` looks like.

```
.text, #text, p{  
    color:rgb(219, 127, 164)  
}
```

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(219, 127, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 127, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 40.306, 354.073 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(219, 127, 164) }
```

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

```
.border{ border-color:rgb(219, 127, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 127, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 127, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 127, 164);  
box-shadow:4px 4px 4px 4px rgb(219, 127,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 40.306, 354.073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 127, 164) }
```

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

```
.background{ background-color: rgb(219,  
127, 164) }
```

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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