

Converting Colors

CIELCh(64, 46.246, 356.262)

Have a look what the booklet for
CIELCh(64, 46.246, 356.262)
contains.

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Color

CIELCh(64, 46.076, 356.191)

Conversions

Conversions Part 1

Format	Color
Hex	E479A2
RGB	228, 121, 162
RGB Percent	89%, 47%, 64%
CMY	0.1057, 0.5253, 0.3645
CMYK	0.00, 0.47, 0.29, 0.11
HSL	337°, 67%, 68%
HSV	337°, 47%, 89%
XYZ	45.3835, 32.8017, 38.1463
YIQ	157.6670, 50.6110, 35.4350

Conversions

Conversions Part 2

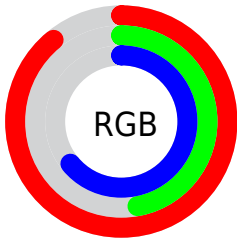
Format	Color
R_{YB}	228, 121, 162
Decimal	14973346
CIE _{Lab}	64.00, 45.97, -3.06
CIE _{LCh}	64, 46.076, 356.191
Yxy	32.8017, 0.3901, 0.2820
Android (android.graphics.Color)	4293163426 (0xFFE479A2)
YUV	157.6670, 2.1362, 61.6820
Hunter-Lab	57.2727, 41.2179, 0.6010

Details

The CIELCh color $64, 46.076, 356.191$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $84, 41.759, 165.399$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 35.796, 345.514$, and $44, 46.123, 356.524$ is the 20% darker color. If you saturate the color by 10%, you get $59, 55.258, 358.155$, and if you desaturate by 10%, it is $69, 36.278, 354.584$.

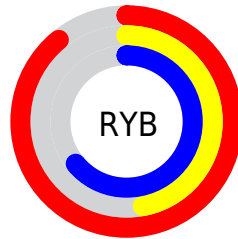
Distribution



Red (89%)

Green (47%)

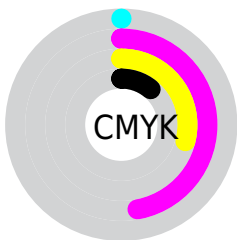
Blue (64%)



Red (89%)

Yellow (47%)

Blue (64%)

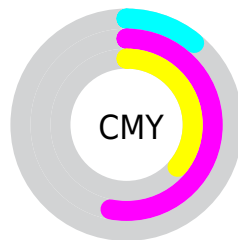


Cyan (0%)

Magenta (47%)

Yellow (29%)

Black (11%)



Cyan (11%)


Magenta (53%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 46.076, 356.191 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, 46.076, 356.191 by changing the saturation by 10% instead.

 64, 46.076,
356.191


 64, 46.076,
356.191


 100, 46.076,
356.191


 54, 46.076,
356.191


 84, 46.076,
356.191

 44, 46.076,
356.191

 94, 46.076,
356.191

 34, 46.076,
356.191

 24, 46.076,
356.191

 14, 46.076,
356.191

 4, 46.076, 356.191

 0, 46.076, 356.191

64, 46.076,
356.191

64, 46.076,
356.191

59, 55.258,
358.155

69, 36.278,
354.584

55, 63.354, 0.603

75, 26.262,
353.233

52, 69.886, 3.707

80, 16.299,
352.069

50, 74.568, 7.646

49, 77.546, 12.522

86, 6.560, 351.018

49, 78.373, 14.110

92, 2.860, 170.376

98, 10.338,
173.871

98, 9.164, 198.899

Harmonies

Complementary

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



64, 46.076, 356.191



84, 41.759, 165.399

Rectangle

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



64, 46.076, 356.191



64, 46.076, 46.191



64, 46.076, 176.191



64, 46.076, 226.191

Sweetspot

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



64, 46.073, 356.193



91, 14.704, 351.765



62, 63.078, 315.104



47, 10.185, 351.997



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, 46.073, 356.193



66, 59.580, 358.031



66, 41.452, 32.755



45, 5.436, 351.282



38, 65.094, 13.156



7, 26.842, 3.426

Inverse Universe

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



64, 46.073, 356.193



66, 59.580, 358.031



81, 28.883, 210.945



45, 5.436, 351.282



38, 65.094, 13.156



7, 26.842, 3.426

Previews

White Background



This preview shows how the CIELCh color 64, 46.076, 356.191 looks on a white background.

Color Contrast Check

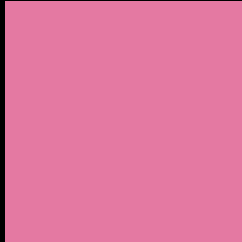
Large Text (above 18pt) WCAG AA × Fail

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, 46.076, 356.191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

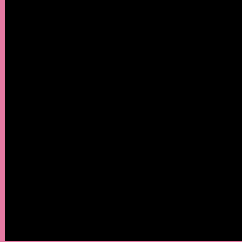
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 46.076, 356.191

Background



This preview shows how black text looks on a background with the CIELCh color 64, 46.076, 356.191.



This preview shows how white text looks on a background with the CIELCh color 64, 46.076, 356.191.

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, 46.076, 356.191

Protanopia
64, 16.205, 286.910

Deuteranopia
64, 8.098, 355.877



Tritanopia
64, 41.354, 17.389

Trichromacy



Original Color
64, 46.076, 356.191



Protanomaly
63, 22.821, 327.909



Deuteranomaly
64, 22.425, 353.861

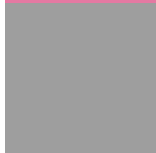


Tritanomaly
64, 42.512, 8.971

Monochromacy



Original Color
64, 46.076, 356.191



Achromatopsia
65, 0.008, 296.813



Achromatomaly
64, 16.682, 353.419

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 46.076, 356.191 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(228, 121, 162)` looks like.

```
.text, #text, p{  
    color:rgb(228, 121, 162)  
}
```

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(228, 121, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 121, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 46.076, 356.191 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(228, 121, 162) }
```

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

```
.border{ border-color:rgb(228, 121, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 121, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 121, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 121, 162); box-shadow:4px 4px 4px 4px rgb(228, 121, 162) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 46.076, 356.191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 121, 162) }
```

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

```
.background{ background-color: rgb(228,  
121, 162) }
```

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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