

Converting Colors

CIELCh(78, 16.980, 355.484)

Have a look what the booklet for
CIELCh(78, 16.980, 355.484)
contains.

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Color

CIELCh(78, 17.054, 354.960)

Conversions

Conversions Part 1

Format	Color
Hex	DFB6C4
RGB	223, 182, 196
RGB Percent	87%, 71%, 77%
CMY	0.1249, 0.2857, 0.2308
CMYK	0.00, 0.18, 0.12, 0.12
HSL	340°, 39%, 79%
HSV	340°, 18%, 88%
XYZ	57.2086, 53.2120, 59.5605
YIQ	195.8550, 19.9420, 13.0460

Conversions

Conversions Part 2

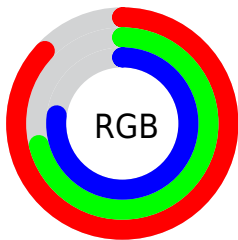
Format	Color
R _Y B	223, 182, 196
Decimal	14661316
CIE Lab	78.00, 16.99, -1.50
CIE LCh	78, 17.054, 354.960
Yxy	53.2120, 0.3366, 0.3130
Android (android.graphics.Color)	4292851396 (0xFFDFB6C4)
YUV	195.8550, 0.0715, 23.8062
Hunter-Lab	72.9466, 12.3327, 2.6526

Details

The CIELCh color **78, 17.054, 354.960** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86, 16.292, 171.442**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 9.778, 328.170**, and **58, 16.788, 355.379** is the 20% darker color. If you saturate the color by 10%, you get **72, 26.707, 356.195**, and if you desaturate by 10%, it is **84, 7.637, 353.874**.

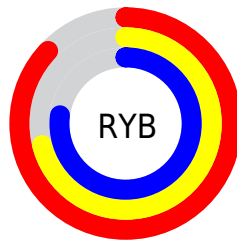
Distribution



Red (87%)

Green (71%)

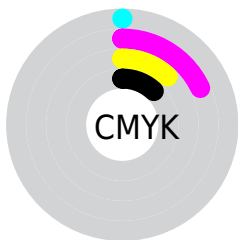
Blue (77%)



Red (87%)

Yellow (71%)

Blue (77%)

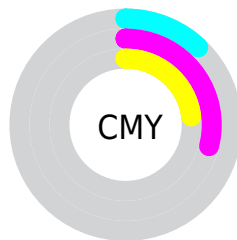


Cyan (0%)

Magenta (18%)

Yellow (12%)

Black (12%)



Cyan (12%)


Magenta (29%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 17.054, 354.960 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 78, 17.054, 354.960 by changing the saturation by 10% instead.


 78, 17.054,
354.960

 78, 17.054,
354.960


 100, 17.054,
354.960


 68, 17.054,
354.960


 98, 17.054,
354.960

 58, 17.054,
354.960

 48, 17.054,
354.960

 38, 17.054,
354.960

 28, 17.054,
354.960

 18, 17.054,
354.960

 8, 17.054, 354.960

0, 17.054, 354.960

78, 17.054,
354.960

78, 17.054,
354.960

72, 26.707,
356.195

84, 7.637, 353.874

90, 1.445, 173.364

67, 36.436,
357.640

96, 10.154,
172.244

62, 45.969,
359.381

98, 10.784,
198.570

57, 54.930, 1.529

98, 10.781,
198.787

54, 62.860, 4.228

51, 69.335, 7.656

49, 74.144, 11.978

■ 47, 77.581, 17.187

■ 47, 78.139, 18.047

Harmonies

Complementary

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



78, 17.054, 354.960



86, 16.292, 171.442

Rectangle

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



78, 17.054, 354.960



78, 17.054, 44.960



78, 17.054, 174.960



78, 17.054, 224.960

Sweetspot

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



78, 17.052, 354.964



96, 6.071, 353.623



78, 24.020, 314.904



51, 4.031, 353.695



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 17.052, 354.964



86, 22.884, 355.409



79, 13.840, 33.984



44, 5.212, 353.988



37, 65.178, 17.069



6, 25.456, 5.371

Inverse Universe

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



78, 17.052, 354.964



86, 22.884, 355.409



84, 12.229, 214.084



44, 5.212, 353.988



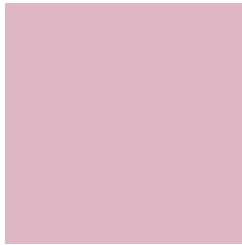
37, 65.178, 17.069



6, 25.456, 5.371

Previews

White Background



This preview shows how the CIELCh color 78, 17.054, 354.960 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 78, 17.054, 354.960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

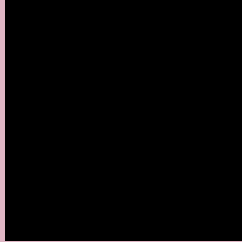
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 17.054, 354.960

Background



This preview shows how black text looks on a background with the CIELCh color 78, 17.054, 354.960.



This preview shows how white text looks on a background with the CIELCh color 78, 17.054, 354.960.

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](#).

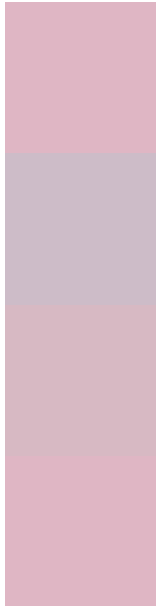
Dichromacy





Tritanopia
78, 17.054, 354.960

Trichromacy



Original Color
78, 17.054, 354.960

Protanomaly
78, 8.997, 334.571

Deuteranomaly
78, 12.417, 355.007

Tritanomaly
78, 17.054, 354.960

Monochromacy



Original Color
78, 17.054, 354.960

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 6.182, 354.290

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 17.054, 354.960 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, 182, 196)` looks like.

```
.text, #text, p{  
    color:rgb(223, 182, 196)  
}
```

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, 182, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 182, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 17.054, 354.960 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, 182, 196) }
```

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

```
.border{ border-color:rgb(223, 182, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 182, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 182, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 182, 196);  
box-shadow:4px 4px 4px 4px rgb(223, 182,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 17.054, 354.960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 182, 196) }
```

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

```
.background{ background-color: rgb(223,  
182, 196) }
```

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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