

Converting Colors

CIELCh(75, 26.468, 1.826)

Have a look what the booklet for
CIELCh(75, 26.468, 1.826) contains.

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Color

CIELCh(75, 26.376, 1.776)

Conversions

Conversions Part 1

Format	Color
Hex	E8A7B8
RGB	232, 167, 184
RGB Percent	91%, 65%, 72%
CMY	0.0900, 0.3449, 0.2783
CMYK	0.00, 0.28, 0.21, 0.09
HSL	344°, 59%, 78%
HSV	344°, 28%, 91%
XYZ	55.7751, 48.2781, 51.7493
YIQ	188.3730, 33.2830, 19.0670

Conversions

Conversions Part 2

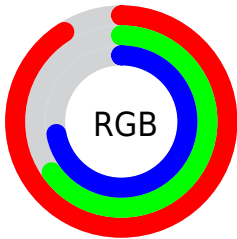
Format	Color
R _Y B	232, 167, 184
Decimal	15247288
CIE Lab	75.00, 26.36, 0.82
CIE LCh	75, 26.376, 1.776
Yxy	48.2781, 0.3580, 0.3099
Android (android.graphics.Color)	4293437368 (0xFFE8A7B8)
YUV	188.3730, -2.1559, 38.2609
Hunter-Lab	69.4824, 21.6917, 4.4796

Details

The CIELCh color $75, 26.376, 1.776$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $87, 23.976, 175.964$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 14.436, 343.016$, and $55, 26.481, 1.447$ is the 20% darker color. If you saturate the color by 10%, you get $69, 36.311, 3.313$, and if you desaturate by 10%, it is $81, 16.634, 0.494$.

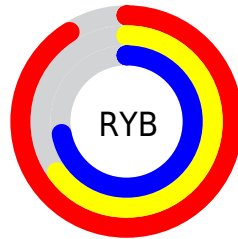
Distribution



Red (91%)

Green (65%)

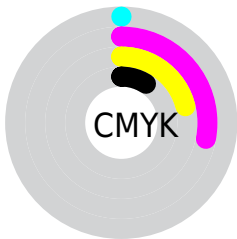
Blue (72%)



Red (91%)

Yellow (65%)

Blue (72%)

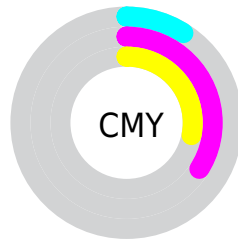


Cyan (0%)

Magenta (28%)

Yellow (21%)

Black (9%)



Cyan (9%)

Magenta (34%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 26.376, 1.776 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 75, 26.376, 1.776 by changing the saturation by 10% instead.

 75, 26.376, 1.776

 75, 26.376, 1.776

 100, 26.376, 1.776

 65, 26.376, 1.776

 95, 26.376, 1.776

 55, 26.376, 1.776

 45, 26.376, 1.776

 35, 26.376, 1.776

 25, 26.376, 1.776

 15, 26.376, 1.776

 5, 26.376, 1.776

 0, 26.376, 1.776

 75, 26.376, 1.776

 75, 26.376, 1.776

69, 36.311, 3.313

81, 16.634, 0.494

64, 46.206, 5.188

87, 7.237, 359.370

59, 55.707, 7.527

93, 1.748, 178.825

55, 64.389, 10.489

98, 7.991, 190.116

52, 71.857, 14.240

98, 7.841, 198.994

50, 77.931, 18.896

49, 82.853, 24.339

49, 83.833, 25.412

Harmonies

Complementary

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



75, 26.376, 1.776



87, 23.976, 175.964

Rectangle

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



75, 26.376, 1.776



75, 26.376, 51.776



75, 26.376, 181.776



75, 26.376, 231.776

Sweetspot

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



75, 26.373, 1.779



95, 7.802, 359.374



75, 38.803, 317.988



50, 5.564, 359.539



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 26.373, 1.779



78, 34.892, 2.690



78, 21.559, 42.646



45, 5.102, 359.528



37, 68.394, 24.344



7, 26.640, 10.549

Inverse Universe

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



75, 26.373, 1.779



78, 34.892, 2.690



84, 17.880, 225.178



45, 5.102, 359.528



37, 68.394, 24.344



7, 26.640, 10.549

Previews

White Background



This preview shows how the CIELCh color 75, 26.376, 1.776 looks on a white background.

Color Contrast Check

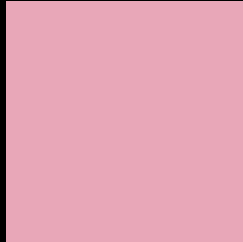
Large Text (above 18pt) WCAG AA × Fail

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 75, 26.376, 1.776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

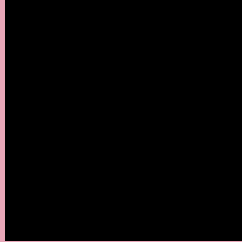
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 26.376, 1.776

Background



This preview shows how black text looks on a background with the CIELCh color 75, 26.376, 1.776.



This preview shows how white text looks on a background with the CIELCh color 75, 26.376, 1.776.

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

75, 26.376, 1.776

Protanopia

75, 5.463, 298.345

Deuteranopia

75, 9.627, 10.559



Tritanopia
75, 25.442, 7.213

Trichromacy



Original Color
75, 26.376, 1.776

Protanomaly
75, 11.376, 345.766

Deuteranomaly
75, 15.458, 4.665

Tritanomaly
75, 25.528, 6.035

Monochromacy



Original Color
75, 26.376, 1.776

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 9.785, 357.626

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 26.376, 1.776 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(232, 167, 184)` looks like.

```
.text, #text, p{  
    color:rgb(232, 167, 184)  
}
```

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(232, 167, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 167, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 26.376, 1.776 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(232, 167, 184) }
```

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

```
.border{ border-color:rgb(232, 167, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 167, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 167, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 167, 184);  
box-shadow:4px 4px 4px 4px rgb(232, 167,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 26.376, 1.776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 167, 184) }
```

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

```
.background{ background-color: rgb(232,  
167, 184) }
```

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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