

Converting Colors

CIELCh(73, 26.078, 4.894)

Have a look what the booklet for
CIELCh(73, 26.078, 4.894) contains.

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Color

CIELCh(73, 26.165, 5.260)

Conversions

Conversions Part 1

Format	Color
Hex	E3A2B0
RGB	227, 162, 176
RGB Percent	89%, 64%, 69%
CMY	0.1109, 0.3657, 0.3108
CMYK	0.00, 0.29, 0.22, 0.11
HSL	347°, 53%, 76%
HSV	347°, 29%, 89%
XYZ	52.2815, 45.1644, 46.9060
YIQ	183.0310, 34.2460, 18.1340

Conversions

Conversions Part 2

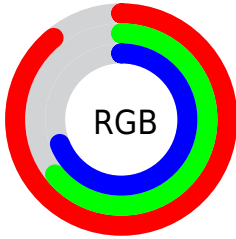
Format	Color
R_{YB}	227, 162, 176
Decimal	14918320
CIE _{Lab}	73.00, 26.05, 2.40
CIE _{LCh}	73, 26.165, 5.260
Y _{xy}	45.1644, 0.3622, 0.3129
Android (android.graphics.Color)	4293108400 (0xFFE3A2B0)
YUV	183.0310, -3.4663, 38.5608
Hunter-Lab	67.2044, 21.2559, 5.6610

Details

The CIELCh color $73, 26.165, 5.260$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $86, 23.350, 179.384$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 15.777, 351.126$, and $53, 25.880, 4.827$ is the 20% darker color. If you saturate the color by 10%, you get $67, 35.923, 6.841$, and if you desaturate by 10%, it is $79, 16.659, 3.956$.

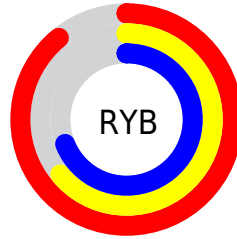
Distribution



Red (89%)

Green (64%)

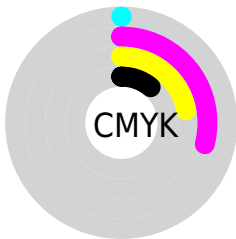
Blue (69%)



Red (89%)

Yellow (64%)

Blue (69%)

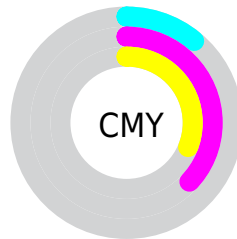


Cyan (0%)

Magenta (29%)

Yellow (22%)

Black (11%)



Cyan (11%)

Magenta (37%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 26.165, 5.260 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 73, 26.165, 5.260 by changing the saturation by 10% instead.

 73, 26.165, 5.260  73, 26.165, 5.260

 100, 26.165, 5.260  63, 26.165, 5.260

 93, 26.165, 5.260  53, 26.165, 5.260

 43, 26.165, 5.260

 33, 26.165, 5.260

 23, 26.165, 5.260

 13, 26.165, 5.260

 3, 26.165, 5.260

 0, 26.165, 5.260

 73, 26.165, 5.260

 73, 26.165, 5.260

67, 35.923, 6.841

79, 16.659, 3.956

62, 45.718, 8.788

85, 7.540, 2.828

58, 55.222, 11.235

91, 1.133, 182.461

54, 64.042, 14.337

97, 9.350, 181.222

51, 71.822, 18.245

98, 9.603, 198.868

49, 78.405, 23.016

48, 84.003, 28.387

48, 84.758, 29.075

Harmonies

Complementary

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



73, 26.165, 5.260



86, 23.350, 179.384

Rectangle

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



73, 26.165, 5.260



73, 26.165, 55.260



73, 26.165, 185.260



73, 26.165, 235.260

Sweetspot

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



73, 26.162, 5.264



94, 8.631, 2.871



73, 39.412, 319.571



49, 6.020, 3.031



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 26.162, 5.264



78, 34.505, 6.102



77, 21.265, 48.001



44, 4.914, 2.913



37, 69.535, 28.059



6, 25.281, 11.815

Inverse Universe

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



73, 26.162, 5.264



78, 34.505, 6.102



81, 17.793, 232.074



44, 4.914, 2.913



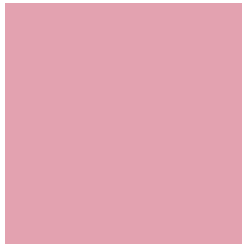
37, 69.535, 28.059



6, 25.281, 11.815

Previews

White Background



This preview shows how the CIELCh color 73, 26.165, 5.260 looks on a white background.

Color Contrast Check

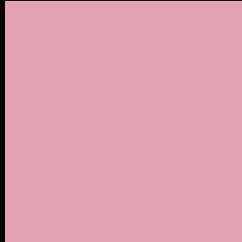
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 73, 26.165, 5.260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

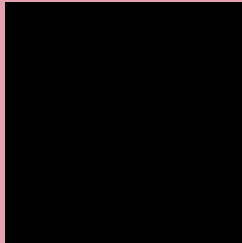
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 26.165, 5.260

Background



This preview shows how black text looks on a background with the CIELCh color 73, 26.165, 5.260.

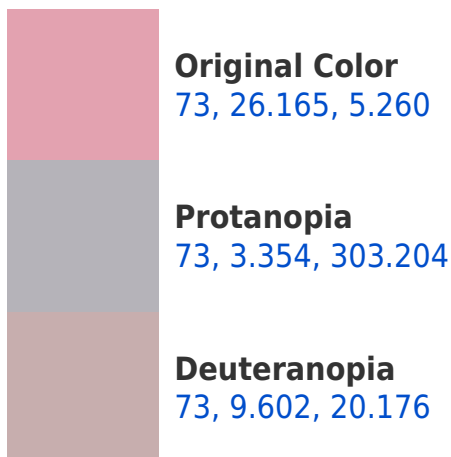



This preview shows how white text looks on a background with the CIELCh color 73, 26.165, 5.260.

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
73, 25.991, 7.575

Trichromacy



Original Color
73, 26.165, 5.260

Protanomaly
73, 10.633, 353.089

Deuteranomaly
73, 15.269, 10.612

Tritanomaly
73, 26.073, 6.413

Monochromacy



Original Color
73, 26.165, 5.260

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 9.504, 3.717

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 26.165, 5.260 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(227, 162, 176)` looks like.

```
.text, #text, p{  
    color:rgb(227, 162, 176)  
}
```

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(227, 162, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 162, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 26.165, 5.260 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(227, 162, 176) }
```

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

```
.border{ border-color:rgb(227, 162, 176) }
```

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

Here you see how a box with a 4 pixel rgb(227, 162, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 162, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 162, 176);  
box-shadow:4px 4px 4px 4px rgb(227, 162,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 26.165, 5.260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 162, 176) }
```

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

```
.background{ background-color: rgb(227,  
162, 176) }
```

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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