

Converting Colors

CIELCh(77, 23.406, 26.516)

Have a look what the booklet for
CIELCh(77, 23.406, 26.516) contains.

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Color

CIELCh(77, 23.406, 26.516)

Conversions

Conversions Part 1

Format	Color
Hex	EBB0AC
RGB	235, 176, 172
RGB Percent	92%, 69%, 67%
CMY	0.0795, 0.3108, 0.3265
CMYK	0.00, 0.25, 0.27, 0.08
HSL	4°, 61%, 80%
HSV	4°, 27%, 92%
XYZ	57.0646, 51.5317, 45.8389
YIQ	193.1850, 36.4480, 11.2640

Conversions

Conversions Part 2

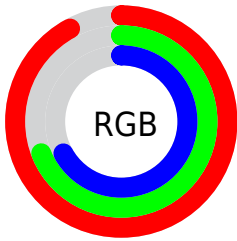
Format	Color
R_{YB}	235, 176, 172
Decimal	15446188
CIE Lab	77.00, 20.94, 10.45
CIE LCh	77, 23.406, 26.516
Yxy	51.5317, 0.3695, 0.3337
Android (android.graphics.Color)	4293636268 (0xFFEBB0AC)
YUV	193.1850, -10.4442, 36.6718
Hunter-Lab	71.7856, 16.2703, 12.3902

Details

The CIELCh color **77, 23.406, 26.516** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **88, 19.395, 204.389**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 8.766, 36.860**, and **57, 23.414, 26.053** is the 20% darker color. If you saturate the color by 10%, you get **71, 33.424, 27.496**, and if you desaturate by 10%, it is **83, 14.093, 25.794**.

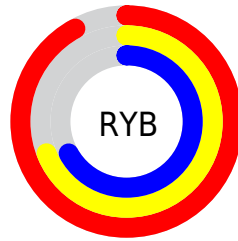
Distribution



Red (92%)

Green (69%)

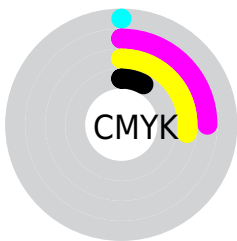
Blue (67%)



Red (92%)

Yellow (69%)

Blue (67%)

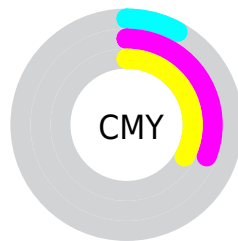


Cyan (0%)

Magenta (25%)

Yellow (27%)

Black (8%)



Cyan (8%)

Magenta (31%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 23.406, 26.516 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 77, 23.406, 26.516 by changing the saturation by 10% instead.

77, 23.406, 26.516

77, 23.406, 26.516

100, 23.406,
26.516

67, 23.406, 26.516

97, 23.406, 26.516

57, 23.406, 26.516

47, 23.406, 26.516

37, 23.406, 26.516

27, 23.406, 26.516

17, 23.406, 26.516

7, 23.406, 26.516

0, 23.406, 26.516

77, 23.406, 26.516

77, 23.406, 26.516

71, 33.424, 27.496

83, 14.093, 25.794

66, 44.095, 28.799

89, 5.490, 25.207

61, 55.275, 30.512

95, 2.445, 205.207

57, 66.705, 32.695

99, 6.945, 199.061

54, 77.952, 35.305

51, 88.180, 38.014

50, 95.606, 39.948

49, 97.397, 40.519

Harmonies

Complementary

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



77, 23.406, 26.516



88, 19.395, 204.389

Rectangle

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



77, 23.406, 26.516



77, 23.406, 76.516



77, 23.406, 206.516



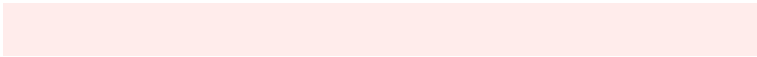
77, 23.406, 256.516

Sweetspot

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



77, 23.404, 26.522



95, 6.910, 25.279



78, 38.773, 327.316



50, 4.941, 25.365



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 23.404, 26.522



80, 30.495, 27.004



84, 21.416, 77.148



46, 4.613, 25.360



38, 79.968, 40.687



8, 27.249, 26.112

Inverse Universe

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



88, 19.395, 204.389



94, 24.222, 204.321



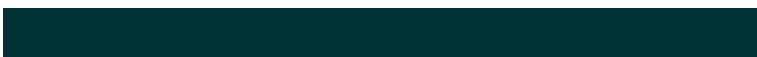
80, 20.349, 264.829



48, 4.339, 204.832



63, 35.707, 207.128



18, 15.451, 205.433

Previews

White Background



This preview shows how the CIELCh color 77, 23.406, 26.516 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 77, 23.406, 26.516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

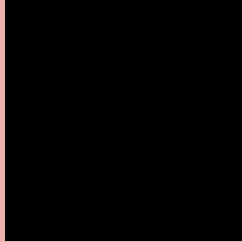
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 23.406, 26.516

Background



This preview shows how black text looks on a background with the CIELCh color 77, 23.406, 26.516.

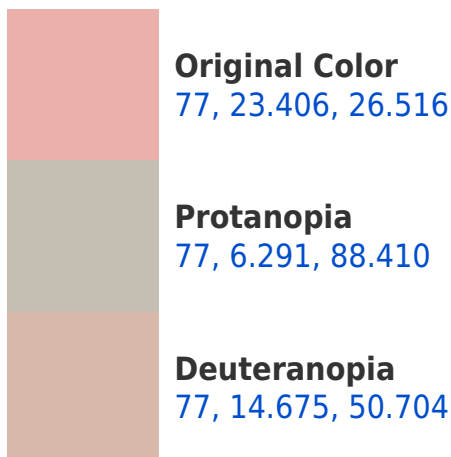


This preview shows how white text looks on a background with the CIELCh color 77, 23.406, 26.516.

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](#).

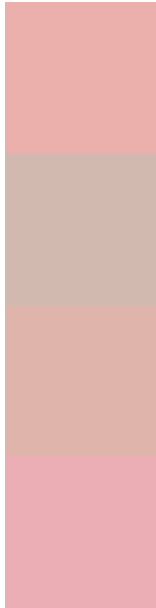
Dichromacy





Tritanopia
77, 25.123, 4.487

Trichromacy



Original Color
77, 23.406, 26.516

Protanomaly
77, 10.803, 46.399

Deuteranomaly
77, 17.424, 38.370

Tritanomaly
77, 24.237, 12.756

Monochromacy



Original Color
77, 23.406, 26.516

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 8.024, 27.598

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 23.406, 26.516 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(235, 176, 172)` looks like.

```
.text, #text, p{  
    color:rgb(235, 176, 172)  
}
```

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(235, 176, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 176, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 23.406, 26.516 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(235, 176, 172) }
```

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

```
.border{ border-color:rgb(235, 176, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 176, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 176, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 176, 172); box-shadow:4px 4px 4px 4px rgb(235, 176, 172) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 23.406, 26.516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 176, 172) }
```

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

```
.background{ background-color: rgb(235,  
176, 172) }
```

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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