

Converting Colors

CIELCh(75, 23.291, 27.910)

Have a look what the booklet for
CIELCh(75, 23.291, 27.910) contains.

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Color

CIELCh(75, 23.261, 27.901)

Conversions

Conversions Part 1

Format	Color
Hex	E5ABA6
RGB	229, 171, 166
RGB Percent	90%, 67%, 65%
CMY	0.1038, 0.3311, 0.3507
CMYK	0.00, 0.25, 0.28, 0.10
HSL	5°, 54%, 77%
HSV	5°, 28%, 90%
XYZ	53.4863, 48.2781, 42.3675
YIQ	187.7720, 36.1730, 10.7410

Conversions

Conversions Part 2

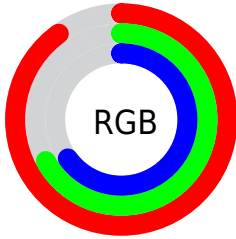
Format	Color
R _Y B	229, 171, 166
Decimal	15051686
CIE Lab	75.00, 20.56, 10.88
CIE LCh	75, 23.261, 27.901
Yxy	48.2781, 0.3711, 0.3350
Android (android.graphics.Color)	4293241766 (0xFFE5ABA6)
YUV	187.7720, -10.7336, 36.1570
Hunter-Lab	69.4824, 15.8117, 12.4851

Details

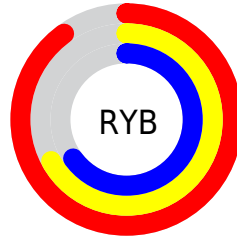
The CIELCh color **75, 23.261, 27.901** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **85, 19.156, 206.094**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 10.764, 36.647**, and **55, 23.310, 27.527** is the 20% darker color. If you saturate the color by 10%, you get **70, 32.995, 28.811**, and if you desaturate by 10%, it is **81, 14.220, 27.242**.

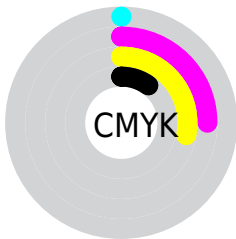
Distribution



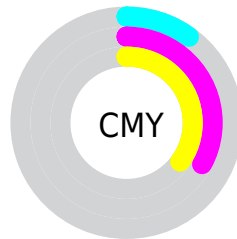
- Red (90%)
- Green (67%)
- Blue (65%)



- Red (90%)
- Yellow (67%)
- Blue (65%)



- Cyan (0%)
- Magenta (25%)
- Yellow (28%)
- Black (10%)



- Cyan (10%)
- Magenta (33%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 23.261, 27.901 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, 23.261, 27.901 by changing the saturation by 10% instead.

75, 23.261, 27.901

75, 23.261, 27.901

100, 23.261,
27.901

65, 23.261, 27.901

95, 23.261, 27.901

55, 23.261, 27.901

45, 23.261, 27.901

35, 23.261, 27.901

25, 23.261, 27.901

15, 23.261, 27.901

5, 23.261, 27.901

0, 23.261, 27.901

75, 23.261, 27.901

75, 23.261, 27.901

70, 32.995, 28.811

81, 14.220, 27.242

65, 43.376, 30.030

86, 5.870, 26.720

60, 54.275, 31.640

92, 1.828, 206.842

56, 65.446, 33.688

98, 8.911, 199.838

53, 76.462, 36.118

98, 9.009, 198.910

50, 86.468, 38.589

49, 93.721, 40.280

48, 95.162, 40.712

Harmonies

Complementary

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



75, 23.261, 27.901



85, 19.156, 206.094

Rectangle

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



75, 23.261, 27.901



75, 23.261, 77.901



75, 23.261, 207.901



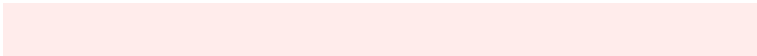
75, 23.261, 257.901

Sweetspot

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



75, 23.259, 27.907



95, 6.811, 26.746



76, 38.515, 327.850



50, 4.871, 26.822



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, 23.259, 27.907



80, 31.151, 28.384



82, 21.786, 78.679



45, 4.466, 26.817



38, 78.859, 40.898



7, 25.623, 25.937

Inverse Universe

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



85, 19.156, 206.094



93, 24.511, 206.077



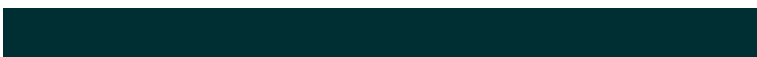
77, 20.824, 266.607



47, 4.200, 206.412



62, 34.768, 210.101



17, 14.771, 207.788

Previews

White Background



This preview shows how the CIELCh color 75, 23.261, 27.901 looks on a white background.

Color Contrast Check

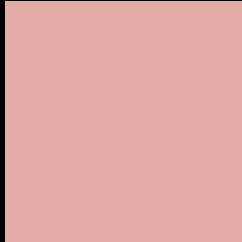
Large Text (above 18pt) WCAG AA × Fail

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, 23.261, 27.901 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, 23.261, 27.901

Background



This preview shows how black text looks on a background with the CIELCh color 75, 23.261, 27.901.



This preview shows how white text looks on a background with the CIELCh color 75, 23.261, 27.901.

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, 23.261, 27.901

Protanopia

75, 6.477, 85.201

Deuteranopia

75, 14.786, 50.672



Tritanopia
75, 24.775, 5.454

Trichromacy



Original Color
75, 23.261, 27.901

Protanomaly
75, 11.240, 45.505

Deuteranomaly
75, 17.558, 38.375

Tritanomaly
75, 23.563, 13.741

Monochromacy



Original Color
75, 23.261, 27.901

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 8.078, 27.612

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 23.261, 27.901 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(229, 171, 166)` looks like.

```
.text, #text, p{  
    color:rgb(229, 171, 166)  
}
```

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(229, 171, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 171, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 23.261, 27.901 is called "border". The border property can be set on classes, ids or directly on the HTML element.

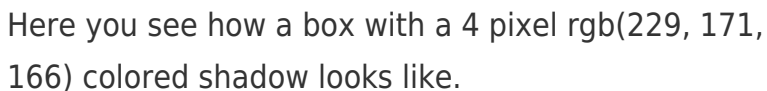
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(229, 171, 166) }
```

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

```
.border{ border-color:rgb(229, 171, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(229, 171, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 171, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 171, 166); box-shadow:4px 4px 4px 4px rgb(229, 171, 166) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 23.261, 27.901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 171, 166) }
```

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

```
.background{ background-color: rgb(229,  
171, 166) }
```

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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