

Converting Colors

CIELCh(77, 24.077, 25.231)

Have a look what the booklet for
CIELCh(77, 24.077, 25.231) contains.

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Color

CIELCh(77, 24.144, 25.189)

Conversions

Conversions Part 1

Format	Color
Hex	ECAFAC
RGB	236, 175, 172
RGB Percent	93%, 69%, 67%
CMY	0.0741, 0.3133, 0.3251
CMYK	0.00, 0.26, 0.27, 0.07
HSL	3°, 63%, 80%
HSV	3°, 27%, 93%
XYZ	57.4323, 51.5317, 45.9984
YIQ	192.8970, 37.3190, 11.9990

Conversions

Conversions Part 2

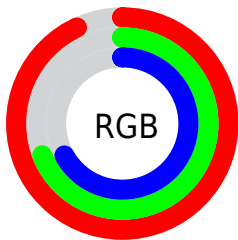
Format	Color
RYB	236, 175, 172
Decimal	15511468
CIELab	77.00, 21.85, 10.28
CIELCh	77, 24.144, 25.189
Yxy	51.5317, 0.3706, 0.3325
Android (android.graphics.Color)	4293701548 (0xFFECAFAC)
YUV	192.8970, -10.3022, 37.8013
Hunter-Lab	71.7856, 17.1847, 12.2584

Details

The CIELCh color **77, 24.144, 25.189** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **89, 19.985, 202.650**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 8.985, 33.097**, and **57, 24.207, 24.721** is the 20% darker color. If you saturate the color by 10%, you get **71, 34.356, 26.267**, and if you desaturate by 10%, it is **83, 14.633, 24.384**.

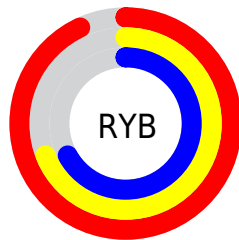
Distribution



Red (93%)

Green (69%)

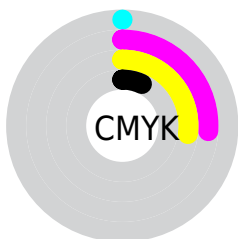
Blue (67%)



Red (93%)

Yellow (69%)

Blue (67%)

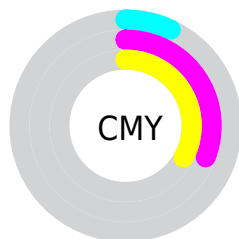


Cyan (0%)

Magenta (26%)

Yellow (27%)

Black (7%)



Cyan (7%)

Magenta (31%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 24.144, 25.189 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, 24.144, 25.189 by changing the saturation by 10% instead.

77, 24.144, 25.189

77, 24.144, 25.189

100, 24.144,
25.189

67, 24.144, 25.189

97, 24.144, 25.189

57, 24.144, 25.189

47, 24.144, 25.189

37, 24.144, 25.189

27, 24.144, 25.189

17, 24.144, 25.189

7, 24.144, 25.189

0, 24.144, 25.189

77, 24.144, 25.189

77, 24.144, 25.189

71, 34.356, 26.267

83, 14.633, 24.384

66, 45.203, 27.689

89, 5.838, 23.730

61, 56.516, 29.551

95, 2.278, 203.677

57, 68.013, 31.917

99, 6.479, 199.097

54, 79.242, 34.742

51, 89.343, 37.672

50, 96.507, 39.787

50, 98.075, 40.364

Harmonies

Complementary

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



77, 24.144, 25.189



89, 19.985, 202.650

Rectangle

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



77, 24.144, 25.189



77, 24.144, 75.189



77, 24.144, 205.189



77, 24.144, 255.189

Sweetspot

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



77, 24.142, 25.195



95, 7.018, 23.790



78, 39.807, 326.850



50, 5.018, 23.886



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, 24.142, 25.195



79, 32.030, 25.805



85, 21.530, 75.451



46, 4.685, 23.880



38, 80.198, 40.502



7, 27.577, 25.194

Inverse Universe

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



89, 19.985, 202.650



94, 25.274, 202.523



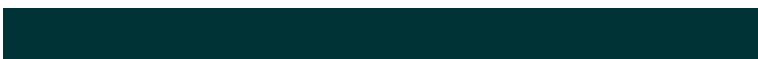
80, 20.293, 263.181



48, 4.407, 203.230



64, 36.394, 204.131



19, 15.716, 202.930

Previews

White Background



This preview shows how the CIELCh color 77, 24.144, 25.189 looks on a white background.

Color Contrast Check

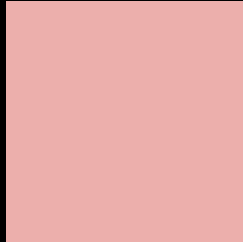
Large Text (above 18pt) WCAG AA × Fail

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, 24.144, 25.189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

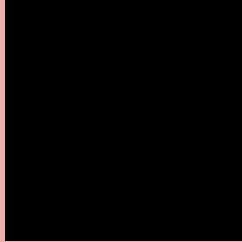
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 24.144, 25.189

Background



This preview shows how black text looks on a background with the CIELCh color 77, 24.144, 25.189.



This preview shows how white text looks on a background with the CIELCh color 77, 24.144, 25.189.

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

77, 24.144, 25.189

Protanopia

77, 5.793, 86.583

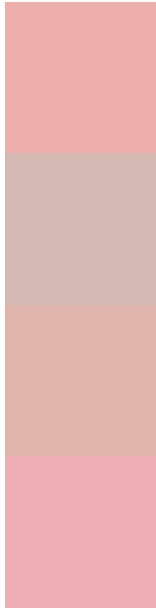
Deuteranopia

77, 14.382, 48.963



Tritanopia
77, 25.771, 6.237

Trichromacy



Original Color
77, 24.144, 25.189

Protanomaly
77, 10.917, 43.064

Deuteranomaly
77, 17.424, 38.370

Tritanomaly
77, 24.628, 12.937

Monochromacy



Original Color
77, 24.144, 25.189

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 8.734, 23.544

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 24.144, 25.189 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(236, 175, 172)` looks like.

```
.text, #text, p{  
    color:rgb(236, 175, 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(236, 175, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 175, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 24.144, 25.189 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(236, 175, 172) }
```

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

```
.border{ border-color:rgb(236, 175, 172) }
```

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

Here you see how a box with a 4 pixel rgb(236, 175, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 175, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 175, 172);  
box-shadow:4px 4px 4px 4px rgb(236, 175,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 24.144, 25.189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 175, 172) }
```

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

```
.background{ background-color: rgb(236,  
175, 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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