

Converting Colors

CIELCh(76, 24.033, 60.652)

Have a look what the booklet for
CIELCh(76, 24.033, 60.652) contains.

CIELCh(76, 24.076, 61.796)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(76, 24.076, 61.796)

Conversions

Conversions Part 1

Format	Color
Hex	DEB395
RGB	222, 179, 149
RGB Percent	87%, 70%, 58%
CMY	0.1298, 0.2984, 0.4160
CMYK	0.00, 0.19, 0.33, 0.13
HSL	25°, 52%, 73%
HSV	25°, 33%, 87%
XYZ	51.6162, 49.8872, 35.3070
YIQ	188.4370, 35.2580, -0.2140

Conversions

Conversions Part 2

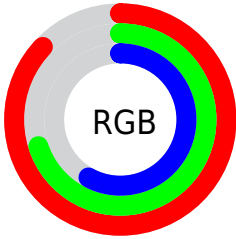
Format	Color
R _Y B	222, 200, 149
Decimal	14594965
CIE Lab	76.00, 11.38, 21.22
CIE LCh	76, 24.076, 61.796
Yxy	49.8872, 0.3773, 0.3646
Android (android.graphics.Color)	4292785045 (0xFFDEB395)
YUV	188.4370, -19.4424, 29.4348
Hunter-Lab	70.6309, 6.8417, 19.8037

Details

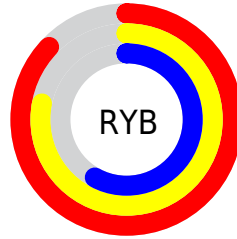
The CIELCh color **76, 24.076, 61.796** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **76, 20.829, 250.038**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 18.087, 84.138**, and **56, 24.231, 61.168** is the 20% darker color. If you saturate the color by 10%, you get **72, 32.408, 60.827**, and if you desaturate by 10%, it is **80, 16.234, 62.808**.

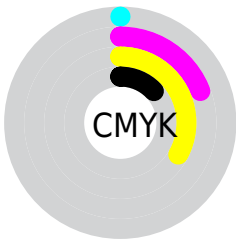
Distribution



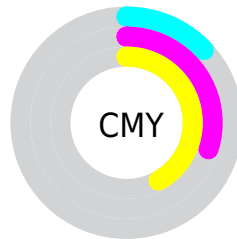
- Red (87%)
- Green (70%)
- Blue (58%)



- Red (87%)
- Yellow (78%)
- Blue (58%)



- Cyan (0%)
- Magenta (19%)
- Yellow (33%)
- Black (13%)



- Cyan (13%)
- Magenta (30%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 24.076, 61.796 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 76, 24.076, 61.796 by changing the saturation by 10% instead.

 76, 24.076, 61.796

 76, 24.076, 61.796

 100, 24.076,
61.796

 66, 24.076, 61.796

 96, 24.076, 61.796

 56, 24.076, 61.796

 46, 24.076, 61.796

 36, 24.076, 61.796

 26, 24.076, 61.796

 16, 24.076, 61.796

 6, 24.076, 61.796

 0, 24.076, 61.796

 76, 24.076, 61.796

 76, 24.076, 61.796

72, 32.408, 60.827

80, 16.234, 62.808

69, 41.217, 59.884

83, 8.863, 63.822

66, 50.412, 58.957

87, 1.925, 64.678

62, 59.751, 57.979

91, 4.622, 246.073

60, 68.695, 56.782

95, 9.240, 235.813

57, 76.214, 55.018

98, 11.183,
198.759

55, 80.406, 53.403

Harmonies

Complementary

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



76, 24.076, 61.796



76, 20.829, 250.038

Rectangle

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



76, 24.076, 61.796



76, 24.076, 111.796



76, 24.076, 241.796



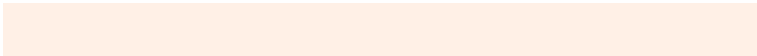
76, 24.076, 291.796

Sweetspot

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



76, 24.076, 61.803



96, 7.629, 64.101



70, 35.726, 341.385



50, 5.228, 63.961



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 24.076, 61.803



84, 32.612, 61.173



85, 34.169, 102.295



45, 3.898, 64.162



44, 67.282, 54.020



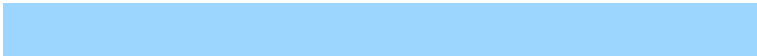
10, 19.926, 50.461

Inverse Universe

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



76, 20.829, 250.038



83, 27.307, 251.383



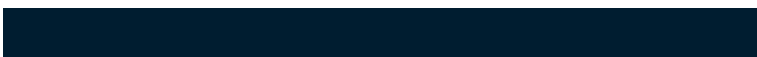
66, 36.415, 290.256



45, 3.761, 246.381



43, 45.480, 273.651



10, 16.398, 263.689

Previews

White Background



This preview shows how the CIELCh color 76, 24.076, 61.796 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 76, 24.076, 61.796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

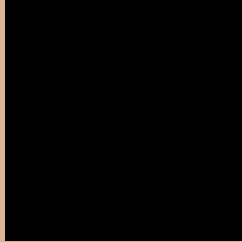
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 24.076, 61.796

Background



This preview shows how black text looks on a background with the CIELCh color 76, 24.076, 61.796.



This preview shows how white text looks on a background with the CIELCh color 76, 24.076, 61.796.

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

76, 24.076, 61.796

Protanopia

76, 18.815, 93.691

Deuteranopia

76, 23.228, 65.371



Tritanopia
76, 20.925, 1.941

Trichromacy



Original Color
76, 24.076, 61.796

Protanomaly
76, 19.558, 80.273

Deuteranomaly
76, 23.525, 64.659

Tritanomaly
76, 19.283, 25.729

Monochromacy



Original Color
76, 24.076, 61.796

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 8.246, 65.216

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 24.076, 61.796 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(222, 179, 149)` looks like.

```
.text, #text, p{  
    color:rgb(222, 179, 149)  
}
```

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(222, 179, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 179, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 24.076, 61.796 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(222, 179, 149) }
```

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

```
.border{ border-color:rgb(222, 179, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 179, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 179, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 179, 149);  
box-shadow:4px 4px 4px 4px rgb(222, 179,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 24.076, 61.796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 179, 149) }
```

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

```
.background{ background-color: rgb(222,  
179, 149) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor