

Converting Colors

CIELCh(76, 22.494, 65.289)

Have a look what the booklet for
CIELCh(76, 22.494, 65.289) contains.

CIELCh(76, 22.522, 65.275)	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, 22.522, 65.275)

Conversions

Conversions Part 1

Format	Color
Hex	DAB496
RGB	218, 180, 150
RGB Percent	85%, 71%, 59%
CMY	0.1442, 0.2932, 0.4109
CMYK	0.00, 0.17, 0.31, 0.14
HSL	26°, 48%, 72%
HSV	26°, 31%, 86%
XYZ	50.8764, 49.8872, 35.8962
YIQ	187.9420, 32.2780, -1.2740

Conversions

Conversions Part 2

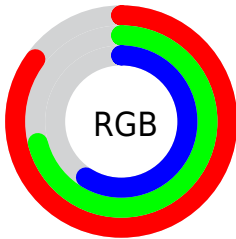
Format	Color
R _Y B	218, 204, 150
Decimal	14333078
CIE Lab	76.00, 9.42, 20.46
CIE LCh	76, 22.522, 65.275
Yxy	49.8872, 0.3723, 0.3650
Android (android.graphics.Color)	4292523158 (0xFFDAB496)
YUV	187.9420, -18.7054, 26.3609
Hunter-Lab	70.6309, 4.9718, 19.3091

Details

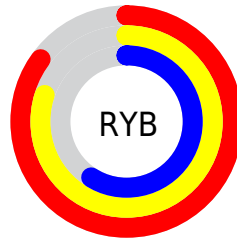
The CIELCh color $76, 22.522, 65.275$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $75, 19.987, 253.492$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 17.912, 85.255$, and $56, 22.515, 64.863$ is the 20% darker color. If you saturate the color by 10%, you get $73, 30.628, 64.185$, and if you desaturate by 10%, it is $80, 14.858, 66.391$.

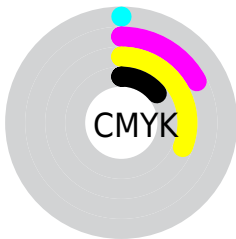
Distribution



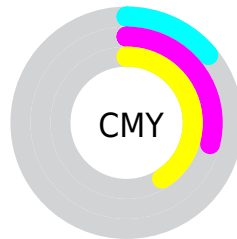
- Red (85%)
- Green (71%)
- Blue (59%)



- Red (85%)
- Yellow (80%)
- Blue (59%)



- Cyan (0%)
- Magenta (17%)
- Yellow (31%)
- Black (14%)



- Cyan (14%)
- Magenta (29%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 22.522, 65.275 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, 22.522, 65.275 by changing the saturation by 10% instead.

76, 22.522, 65.275

76, 22.522, 65.275

100, 22.522,
65.275

66, 22.522, 65.275

96, 22.522, 65.275

56, 22.522, 65.275

46, 22.522, 65.275

36, 22.522, 65.275

26, 22.522, 65.275

16, 22.522, 65.275

6, 22.522, 65.275

0, 22.522, 65.275

76, 22.522, 65.275

76, 22.522, 65.275

73, 30.628, 64.185

80, 14.858, 66.391

69, 39.162, 63.103

83, 7.618, 67.488

66, 48.044, 62.020

87, 0.768, 68.094

63, 57.058, 60.881

90, 5.730, 249.856

60, 65.727, 59.543

94, 10.354,
242.516

58, 73.139, 57.710

97, 11.841,
202.686

55, 78.115, 55.568

98, 12.371,
198.679

Harmonies

Complementary

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



76, 22.522, 65.275



75, 19.987, 253.492

Rectangle

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



76, 22.522, 65.275



76, 22.522, 115.275



76, 22.522, 245.275



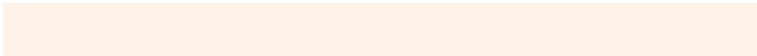
76, 22.522, 295.275

Sweetspot

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



76, 22.522, 65.282



96, 6.925, 67.709



70, 32.695, 342.922



51, 4.833, 67.554



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, 22.522, 65.282



85, 30.887, 64.605



85, 32.992, 104.152



44, 3.869, 67.672



44, 65.509, 56.202



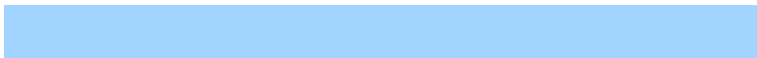
10, 18.470, 53.061

Inverse Universe

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



75, 19.987, 253.492



83, 26.679, 254.779



66, 35.233, 291.420



44, 3.751, 250.011



41, 47.795, 277.421



8, 16.491, 267.006

Previews

White Background



This preview shows how the CIELCh color 76, 22.522, 65.275 looks on a white background.

Color Contrast Check

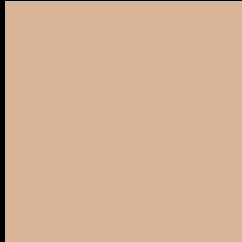
Large Text (above 18pt) WCAG AA × Fail

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, 22.522, 65.275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

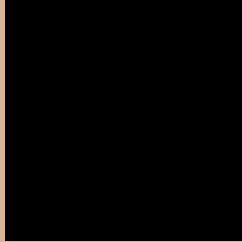
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 22.522, 65.275

Background



This preview shows how black text looks on a background with the CIELCh color 76, 22.522, 65.275.



This preview shows how white text looks on a background with the CIELCh color 76, 22.522, 65.275.

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, 22.522, 65.275

Protanopia

76, 18.298, 93.343

Deuteranopia

76, 22.522, 65.275



Tritanopia
76, 19.095, 359.786

Trichromacy



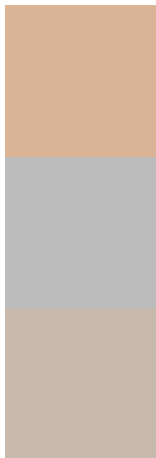
Original Color
76, 22.522, 65.275

Protanomaly
76, 19.153, 82.418

Deuteranomaly
76, 22.522, 65.275

Tritanomaly
76, 17.260, 26.111

Monochromacy



Original Color
76, 22.522, 65.275

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 7.977, 67.206

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 22.522, 65.275 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(218, 180, 150)` looks like.

```
.text, #text, p{  
    color:rgb(218, 180, 150)  
}
```

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(218, 180, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 180, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 22.522, 65.275 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(218, 180, 150) }
```

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

```
.border{ border-color:rgb(218, 180, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 180, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 180, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 180, 150);  
box-shadow:4px 4px 4px 4px rgb(218, 180,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 22.522, 65.275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 180, 150) }
```

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

```
.background{ background-color: rgb(218,  
180, 150) }
```

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