

Converting Colors

CIELCh(76, 20.806, 60.940)

Have a look what the booklet for
CIELCh(76, 20.806, 60.940) contains.

CIELCh(76, 20.926, 61.628)	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, 20.926, 61.628)

Conversions

Conversions Part 1

Format	Color
Hex	DAB49A
RGB	218, 180, 154
RGB Percent	85%, 71%, 60%
CMY	0.1451, 0.2941, 0.3960
CMYK	0.00, 0.17, 0.29, 0.15
HSL	24°, 46%, 73%
HSV	24°, 29%, 85%
XYZ	51.0736, 49.8872, 37.5138
YIQ	188.3980, 30.9940, -0.0300

Conversions

Conversions Part 2

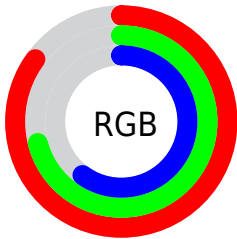
Format	Color
R _Y B	218, 198, 154
Decimal	14333082
CIE Lab	76.00, 9.94, 18.41
CIE LCh	76, 20.926, 61.628
Yxy	49.8872, 0.3688, 0.3603
Android (android.graphics.Color)	4292523162 (0xFFDAB49A)
YUV	188.3980, -16.9582, 25.9610
Hunter-Lab	70.6309, 5.4701, 17.9512

Details

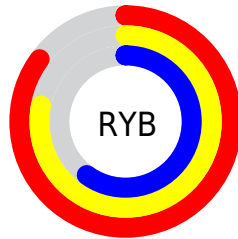
The CIELCh color **76, 20.926, 61.628** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **76, 18.383, 248.757**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 16.036, 82.618**, and **56, 20.807, 61.071** is the 20% darker color. If you saturate the color by 10%, you get **72, 28.971, 60.669**, and if you desaturate by 10%, it is **80, 13.365, 62.629**.

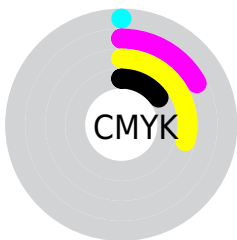
Distribution



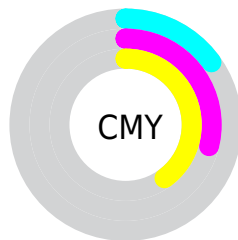
- Red (85%)
- Green (71%)
- Blue (60%)



- Red (85%)
- Yellow (78%)
- Blue (60%)



- Cyan (0%)
- Magenta (17%)
- Yellow (29%)
- Black (15%)



- Cyan (15%)
- Magenta (29%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 20.926, 61.628 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, 20.926, 61.628 by changing the saturation by 10% instead.

 76, 20.926, 61.628

 76, 20.926, 61.628

 100, 20.926,
61.628

 66, 20.926, 61.628

 96, 20.926, 61.628

 56, 20.926, 61.628

 46, 20.926, 61.628

 36, 20.926, 61.628

 26, 20.926, 61.628

 16, 20.926, 61.628

 6, 20.926, 61.628

 0, 20.926, 61.628

 76, 20.926, 61.628

 76, 20.926, 61.628

72, 28.971, 60.669

80, 13.365, 62.629

69, 37.503, 59.738

83, 6.262, 63.617

66, 46.467, 58.837

87, 0.426, 245.829

62, 55.694, 57.920

91, 6.740, 245.829

59, 64.781, 56.867

95, 10.301,
229.882

57, 72.904, 55.400

97, 12.446,
198.675

54, 79.125, 53.250

54, 79.519, 53.128

Harmonies

Complementary

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



76, 20.926, 61.628



76, 18.383, 248.757

Rectangle

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



76, 20.926, 61.628



76, 20.926, 111.628



76, 20.926, 241.628



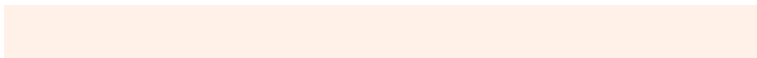
76, 20.926, 291.628

Sweetspot

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



76, 20.926, 61.636



96, 6.834, 63.643



71, 31.439, 341.041



51, 4.771, 63.502



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, 20.926, 61.636



85, 28.879, 61.056



84, 30.102, 102.682



44, 3.819, 63.609



43, 66.702, 53.744



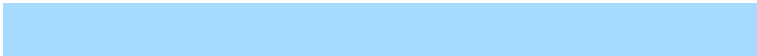
9, 18.661, 49.223

Inverse Universe

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



76, 18.383, 248.757



85, 24.614, 249.905



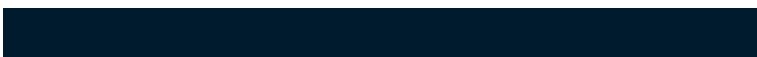
67, 31.816, 289.653



44, 3.682, 245.801



42, 44.524, 272.957



9, 15.627, 262.329

Previews

White Background



This preview shows how the CIELCh color 76, 20.926, 61.628 looks on a white background.

Color Contrast Check

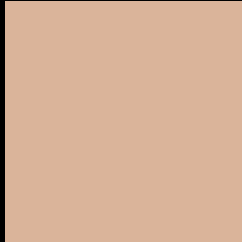
Large Text (above 18pt) WCAG AA × Fail

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, 20.926, 61.628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

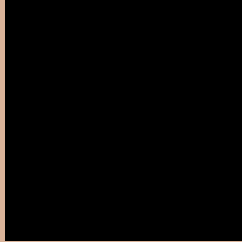
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 20.926, 61.628

Background



This preview shows how black text looks on a background with the CIELCh color 76, 20.926, 61.628.



This preview shows how white text looks on a background with the CIELCh color 76, 20.926, 61.628.

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, 20.926, 61.628

Protanopia

76, 16.641, 93.466

Deuteranopia

76, 20.617, 62.377



Tritanopia
76, 19.264, 358.280

Trichromacy



Original Color
76, 20.926, 61.628

Protanomaly
76, 17.245, 79.644

Deuteranomaly
76, 20.617, 62.377

Tritanomaly
76, 17.112, 22.602

Monochromacy



Original Color
76, 20.926, 61.628

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 7.203, 61.643

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 20.926, 61.628 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, 154)` looks like.

```
.text, #text, p{  
    color:rgb(218, 180, 154)  
}
```

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, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 180, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 20.926, 61.628 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, 154) }
```

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

```
.border{ border-color:rgb(218, 180, 154) }
```

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, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 180, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 180, 154);  
box-shadow:4px 4px 4px 4px rgb(218, 180,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 20.926, 61.628 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, 154) }
```

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

```
.background{ background-color: rgb(218,  
180, 154) }
```

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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