

# Converting Colors

CIELCh(76, 24.561, 47.910)

Have a look what the booklet for  
CIELCh(76, 24.561, 47.910) contains.

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# Color

**CIELCh(76, 24.527, 47.915)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5B09B
RGB	229, 176, 155
RGB Percent	90%, 69%, 61%
CMY	0.1033, 0.3110, 0.3933
CMYK	0.00, 0.23, 0.32, 0.10
HSL	17°, 58%, 75%
HSV	17°, 32%, 90%
XYZ	53.5610, 49.8872, 37.6823
YIQ	189.4530, 38.3290, 4.7050

# Conversions

## Conversions Part 2

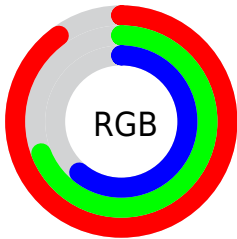
Format	Color
R <sub>Y</sub> B	229, 184, 155
Decimal	15052955
CIE Lab	76.00, 16.44, 18.20
CIE LCh	76, 24.527, 47.915
Yxy	49.8872, 0.3795, 0.3535
Android (android.graphics.Color)	4293243035 (0xFFE5B09B)
YUV	189.4530, -16.9853, 34.6827
Hunter-Lab	70.6309, 11.7565, 17.8098

# Details

The CIELCh color **76, 24.527, 47.915** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **80, 19.988, 232.629**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 14.654, 73.155**, and **56, 24.439, 47.265** is the 20% darker color. If you saturate the color by 10%, you get **72, 33.416, 47.635**, and if you desaturate by 10%, it is **80, 16.282, 48.319**.

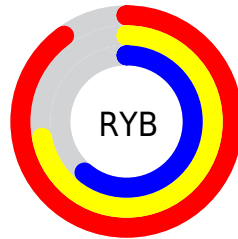
# Distribution



Red (90%)

Green (69%)

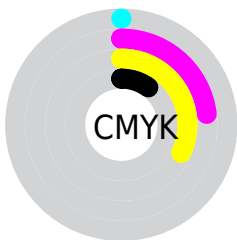
Blue (61%)



Red (90%)

Yellow (72%)

Blue (61%)

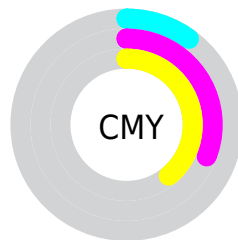


Cyan (0%)

Magenta (23%)

Yellow (32%)

Black (10%)



Cyan (10%)

Magenta (31%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 24.527, 47.915 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, 24.527, 47.915 by changing the saturation by 10% instead.



76, 24.527, 47.915

76, 24.527, 47.915

100, 24.527,  
47.915

66, 24.527, 47.915

96, 24.527, 47.915

56, 24.527, 47.915

46, 24.527, 47.915

36, 24.527, 47.915

26, 24.527, 47.915

16, 24.527, 47.915

6, 24.527, 47.915

0, 24.527, 47.915

76, 24.527, 47.915

76, 24.527, 47.915

72, 33.416, 47.635

80, 16.282, 48.319

68, 42.951, 47.480

85, 8.651, 48.789

64, 53.061, 47.462

90, 1.581, 49.064

60, 63.530, 47.534

94, 4.985, 230.152

57, 73.840, 47.533

98, 8.964, 198.913

54, 82.868, 47.050

52, 88.262, 46.240

# Harmonies

# Complementary

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



76, 24.527, 47.915



80, 19.988, 232.629

# Rectangle

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



76, 24.527, 47.915



76, 24.527, 97.915



76, 24.527, 227.915



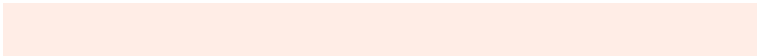
76, 24.527, 277.915

# Sweetspot

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



76, 24.526, 47.922



95, 7.586, 48.898



73, 38.923, 335.942



50, 5.204, 48.831



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, 24.526, 47.922



81, 33.204, 47.711



85, 30.846, 95.519



46, 3.946, 48.926



41, 72.897, 46.755



9, 22.485, 39.321



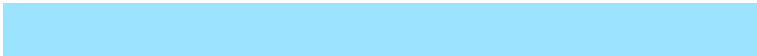


# Inverse Universe

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



80, 19.988, 232.629



87, 25.704, 233.656



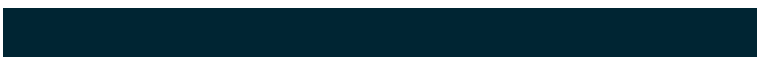
71, 31.909, 284.134



46, 3.744, 230.297



50, 36.526, 252.908



13, 14.530, 244.060



# Previews

## White Background



This preview shows how the CIELCh color 76, 24.527, 47.915 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 CIE LCh color 76, 24.527, 47.915 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

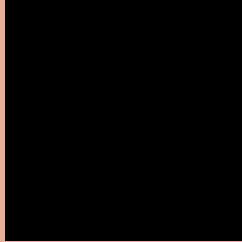
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# CIELCh 76, 24.527, 47.915

## Background



This preview shows how black text looks on a background with the CIELCh color 76, 24.527, 47.915.



This preview shows how white text looks on a background with the CIELCh color 76, 24.527, 47.915.

# 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, 24.527, 47.915

### Protanopia

76, 14.983, 93.564

### Deuteranopia

76, 20.926, 61.628



**Tritanopia**  
76, 24.432, 3.887



# Trichromacy



**Original Color**  
76, 24.527, 47.915

**Protanomaly**  
76, 17.030, 71.358

**Deuteranomaly**  
76, 22.208, 55.582

**Tritanomaly**  
76, 22.716, 20.031

# Monochromacy



**Original Color**  
76, 24.527, 47.915

**Achromatopsia**  
77, 0.009, 296.813

**Achromatomaly**  
76, 8.191, 47.057

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 76, 24.527, 47.915 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, 176, 155)` looks like.

```
.text, #text, p{  
    color:rgb(229, 176, 155)  
}
```

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, 176, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 176, 155) }
```

## Border

The CSS property to change the border of an element to CIELCh 76, 24.527, 47.915 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, 176, 155) }
```

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

```
.border{ border-color:rgb(229, 176, 155) }
```

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

Here you see how a box with a 4 pixel rgb(229, 176, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 176, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 176, 155);  
box-shadow:4px 4px 4px 4px rgb(229, 176,  
155) }
```

# Background

The CSS property to change the background color of an element to CIELCh 76, 24.527, 47.915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 176, 155) }
```

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

```
.background{ background-color: rgb(229,  
176, 155) }
```

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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