

Converting Colors

CIELCh(76, 25.212, 62.313)

Have a look what the booklet for
CIELCh(76, 25.212, 62.313) contains.

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Color

CIELCh(76, 25.178, 62.774)

Conversions

Conversions Part 1

Format	Color
Hex	DFB393
RGB	223, 179, 147
RGB Percent	87%, 70%, 58%
CMY	0.1265, 0.2990, 0.4245
CMYK	0.00, 0.20, 0.34, 0.13
HSL	25°, 54%, 72%
HSV	25°, 34%, 87%
XYZ	51.6695, 49.8872, 34.4120
YIQ	188.5080, 36.4960, -0.6240

Conversions

Conversions Part 2

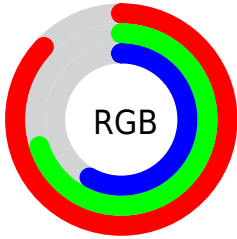
Format	Color
R _Y B	223, 202, 147
Decimal	14660499
CIE Lab	76.00, 11.52, 22.39
CIE LCh	76, 25.178, 62.774
Yxy	49.8872, 0.3800, 0.3669
Android (android.graphics.Color)	4292850579 (0xFFDFB393)
YUV	188.5080, -20.4634, 30.2495
Hunter-Lab	70.6309, 6.9763, 20.5551

Details

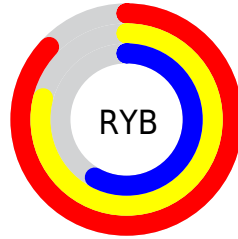
The CIELCh color **76, 25.178, 62.774** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **75, 21.783, 251.577**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 19.032, 85.288**, and **56, 25.079, 62.830** is the 20% darker color. If you saturate the color by 10%, you get **72, 33.579, 61.766**, and if you desaturate by 10%, it is **80, 17.255, 63.821**.

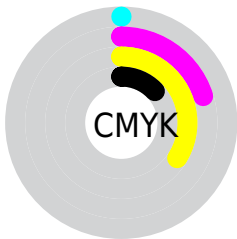
Distribution



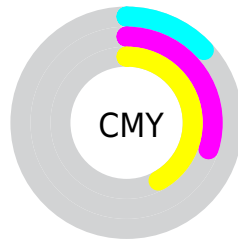
- Red (87%)
- Green (70%)
- Blue (58%)



- Red (87%)
- Yellow (79%)
- Blue (58%)



- Cyan (0%)
- Magenta (20%)
- Yellow (34%)
- Black (13%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 25.178, 62.774 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, 25.178, 62.774 by changing the saturation by 10% instead.

 76, 25.178, 62.774

 76, 25.178, 62.774

 100, 25.178,
62.774

 66, 25.178, 62.774

 96, 25.178, 62.774

 56, 25.178, 62.774

 46, 25.178, 62.774

 36, 25.178, 62.774

 26, 25.178, 62.774

 16, 25.178, 62.774

 6, 25.178, 62.774

 0, 25.178, 62.774

 76, 25.178, 62.774

 76, 25.178, 62.774

72, 33.579, 61.766

80, 17.255, 63.821

69, 42.436, 60.777

83, 9.797, 64.868

66, 51.641, 59.790

87, 2.767, 65.823

63, 60.920, 58.731

91, 3.874, 247.184

60, 69.677, 57.414

95, 9.085, 240.999

57, 76.825, 55.472

98, 10.912,
198.778

56, 80.198, 54.087

Harmonies

Complementary

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



76, 25.178, 62.774



75, 21.783, 251.577

Rectangle

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



76, 25.178, 62.774



76, 25.178, 112.774



76, 25.178, 242.774



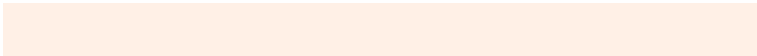
76, 25.178, 292.774

Sweetspot

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



76, 25.178, 62.781



96, 7.655, 65.282



70, 36.755, 342.358



50, 5.245, 65.138



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, 25.178, 62.781



83, 34.534, 62.047



86, 36.081, 103.017



45, 3.911, 65.345



44, 66.925, 54.718



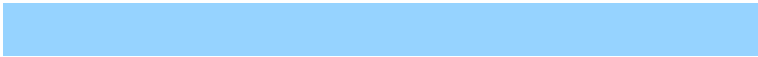
10, 19.865, 51.532

Inverse Universe

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



75, 21.783, 251.577



82, 28.839, 253.156



65, 38.702, 291.211



45, 3.780, 247.610



42, 46.422, 274.976



9, 16.658, 265.069

Previews

White Background



This preview shows how the CIELCh color 76, 25.178, 62.774 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, 25.178, 62.774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

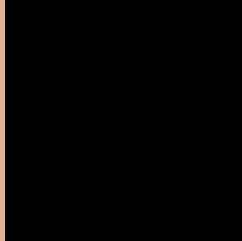
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 25.178, 62.774

Background



This preview shows how black text looks on a background with the CIELCh color 76, 25.178, 62.774.



This preview shows how white text looks on a background with the CIELCh color 76, 25.178, 62.774.

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, 25.178, 62.774

Protanopia

76, 19.850, 94.326

Deuteranopia

76, 24.349, 66.224



Tritanopia
76, 21.816, 1.369

Trichromacy



Original Color
76, 25.178, 62.774

Protanomaly
76, 21.198, 81.094

Deuteranomaly
76, 24.643, 65.533

Tritanomaly
76, 19.709, 25.673

Monochromacy



Original Color
76, 25.178, 62.774

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 8.914, 65.751

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 25.178, 62.774 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(223, 179, 147)` looks like.

```
.text, #text, p{  
    color:rgb(223, 179, 147)  
}
```

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(223, 179, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 179, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 25.178, 62.774 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(223, 179, 147) }
```

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

```
.border{ border-color:rgb(223, 179, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 179, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 179, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 179, 147);  
box-shadow:4px 4px 4px 4px rgb(223, 179,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 25.178, 62.774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 179, 147) }
```

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

```
.background{ background-color: rgb(223,  
179, 147) }
```

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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