

Converting Colors

CIELCh(78, 27.524, 62.425)

Have a look what the booklet for
CIELCh(78, 27.524, 62.425) contains.

CIELCh(78, 27.795, 62.075)	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(78, 27.795, 62.075)

Conversions

Conversions Part 1

Format	Color
Hex	E8B794
RGB	232, 183, 148
RGB Percent	91%, 72%, 58%
CMY	0.0899, 0.2820, 0.4193
CMYK	0.00, 0.21, 0.36, 0.09
HSL	25°, 65%, 75%
HSV	25°, 36%, 91%
XYZ	55.6092, 53.2120, 35.3897
YIQ	193.6610, 40.4390, -0.4970

Conversions

Conversions Part 2

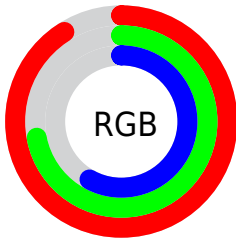
Format	Color
R _Y B	232, 208, 148
Decimal	15251348
CIE Lab	78.00, 13.02, 24.56
CIE LCh	78, 27.795, 62.075
Yxy	53.2120, 0.3856, 0.3690
Android (android.graphics.Color)	4293441428 (0xFFE8B794)
YUV	193.6610, -22.5109, 33.6233
Hunter-Lab	72.9466, 8.4192, 22.2983

Details

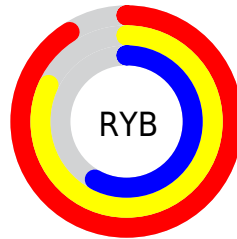
The CIELCh color **78, 27.795, 62.075** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **77, 23.725, 251.464**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 19.866, 90.933**, and **58, 27.870, 61.993** is the 20% darker color. If you saturate the color by 10%, you get **74, 36.597, 61.089**, and if you desaturate by 10%, it is **82, 19.495, 63.103**.

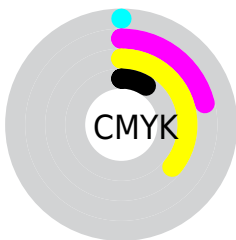
Distribution



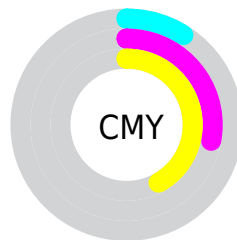
- Red (91%)
- Green (72%)
- Blue (58%)



- Red (91%)
- Yellow (82%)
- Blue (58%)



- Cyan (0%)
- Magenta (21%)
- Yellow (36%)
- Black (9%)



- Cyan (9%)
- Magenta (28%)
- Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 27.795, 62.075 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 78, 27.795, 62.075 by changing the saturation by 10% instead.

 78, 27.795, 62.075

 78, 27.795, 62.075

 100, 27.795,
62.075

 68, 27.795, 62.075

 98, 27.795, 62.075

 58, 27.795, 62.075

 48, 27.795, 62.075

 38, 27.795, 62.075

 28, 27.795, 62.075

 18, 27.795, 62.075

 8, 27.795, 62.075

 0, 27.795, 62.075

 78, 27.795, 62.075

 78, 27.795, 62.075

74, 36.597, 61.089

82, 19.495, 63.103

71, 45.864, 60.124

86, 11.686, 64.139

67, 55.458, 59.154

90, 4.336, 65.134

64, 65.038, 58.085

94, 2.598, 246.498

61, 73.879, 56.694

97, 6.695, 217.974

59, 80.752, 54.566

98, 7.826, 198.995

58, 82.982, 53.686

Harmonies

Complementary

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



78, 27.795, 62.075



77, 23.725, 251.464

Rectangle

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



78, 27.795, 62.075



78, 27.795, 112.075



78, 27.795, 242.075



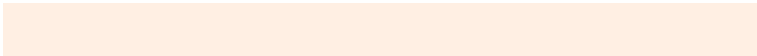
78, 27.795, 292.075

Sweetspot

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



78, 27.795, 62.081



95, 8.433, 64.666



71, 40.297, 342.584



50, 5.690, 64.527



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 27.795, 62.081



82, 36.431, 61.381



89, 39.535, 102.787



47, 4.051, 64.824



46, 68.561, 54.327



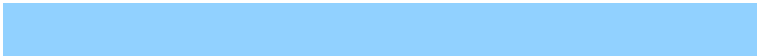
12, 22.435, 52.205

Inverse Universe

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



77, 23.725, 251.464



81, 30.009, 253.064



66, 42.648, 291.598



47, 3.911, 247.080



44, 47.075, 274.515



11, 17.868, 265.697

Previews

White Background



This preview shows how the CIELCh color 78, 27.795, 62.075 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 78, 27.795, 62.075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

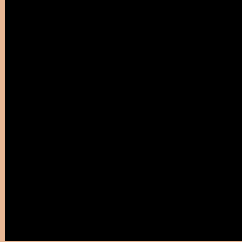
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 27.795, 62.075

Background



This preview shows how black text looks on a background with the CIELCh color 78, 27.795, 62.075.



This preview shows how white text looks on a background with the CIELCh color 78, 27.795, 62.075.

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


78, 27.795, 62.075

Protanopia

78, 21.798, 95.473

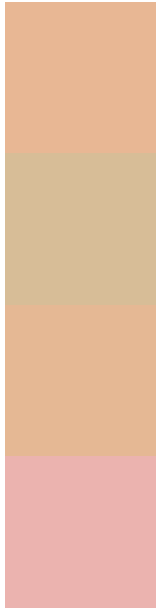
Deuteranopia

78, 26.449, 67.765



Tritanopia
78, 23.549, 3.141

Trichromacy



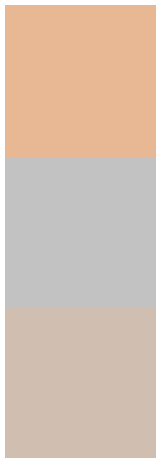
Original Color
78, 27.795, 62.075

Protanomaly
78, 22.913, 80.946

Deuteranomaly
78, 26.936, 65.153

Tritanomaly
78, 22.115, 26.677

Monochromacy



Original Color
78, 27.795, 62.075

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 9.804, 64.586

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 27.795, 62.075 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(232, 183, 148)` looks like.

```
.text, #text, p{  
    color:rgb(232, 183, 148)  
}
```

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(232, 183, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 183, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 27.795, 62.075 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(232, 183, 148) }
```

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

```
.border{ border-color:rgb(232, 183, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 183, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 183, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 183, 148);  
box-shadow:4px 4px 4px 4px rgb(232, 183,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 27.795, 62.075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 183, 148) }
```

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

```
.background{ background-color: rgb(232,  
183, 148) }
```

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