

Converting Colors

CIELCh(68, 27.817, 6.848)

Have a look what the booklet for
CIELCh(68, 27.817, 6.848) contains.

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Color

CIELCh(68, 27.755, 6.396)

Conversions

Conversions Part 1

Format	Color
Hex	D793A1
RGB	215, 147, 161
RGB Percent	84%, 58%, 63%
CMY	0.1562, 0.4229, 0.3680
CMYK	0.00, 0.32, 0.25, 0.16
HSL	348°, 46%, 71%
HSV	348°, 32%, 84%
XYZ	44.9838, 37.9720, 38.7532
YIQ	168.9280, 36.0340, 18.7700

Conversions

Conversions Part 2

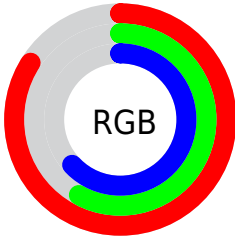
Format	Color
RYB	215, 147, 161
Decimal	14128033
CIELab	68.00, 27.58, 3.09
CIElCh	68, 27.755, 6.396
Yxy	37.9720, 0.3696, 0.3120
Android (android.graphics.Color)	4292318113 (0xFFD793A1)
YUV	168.9280, -3.9085, 40.4051
Hunter-Lab	61.6215, 22.4680, 5.8480

Details

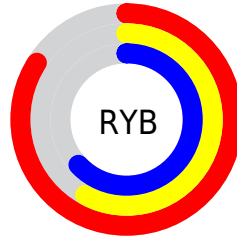
The CIELCh color **68, 27.755, 6.396** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **81, 24.370, 179.837**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 20.866, 0.651**, and **48, 27.617, 6.329** is the 20% darker color. If you saturate the color by 10%, you get **63, 37.153, 8.069**, and if you desaturate by 10%, it is **74, 18.563, 5.027**.

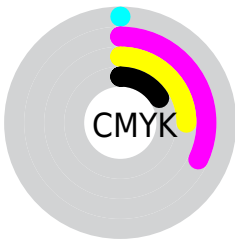
Distribution



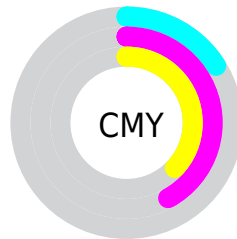
- Red (84%)
- Green (58%)
- Blue (63%)



- Red (84%)
- Yellow (58%)
- Blue (63%)



- Cyan (0%)
- Magenta (32%)
- Yellow (25%)
- Black (16%)



- Cyan (16%)
- Magenta (42%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 27.755, 6.396 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 68, 27.755, 6.396 by changing the saturation by 10% instead.

 68, 27.755, 6.396

 68, 27.755, 6.396

 100, 27.755, 6.396

 58, 27.755, 6.396

 88, 27.755, 6.396

 48, 27.755, 6.396

 98, 27.755, 6.396

 38, 27.755, 6.396

 28, 27.755, 6.396

 18, 27.755, 6.396

 8, 27.755, 6.396

 0, 27.755, 6.396

 68, 27.755, 6.396

 68, 27.755, 6.396

 63, 37.153, 8.069

 74, 18.563, 5.027

■ 58, 46.529, 10.144

■ 79, 9.726, 3.864

■ 54, 55.552, 12.761

■ 85, 1.313, 2.545

■ 50, 63.848, 16.077

■ 91, 6.655, 182.202

■ 48, 71.117, 20.221

■ 97, 14.190,
181.429

■ 46, 77.278, 25.185

■ 97, 13.355,
198.614

■ 45, 81.872, 29.618

Harmonies

Complementary

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



68, 27.755, 6.396



81, 24.370, 179.837

Rectangle

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



68, 27.755, 6.396



68, 27.755, 56.396



68, 27.755, 186.396



68, 27.755, 236.396

Sweetspot

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



68, 27.753, 6.399



94, 8.601, 3.591



68, 41.686, 319.695



49, 5.999, 3.750



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 27.753, 6.399



75, 38.760, 7.490



72, 22.735, 47.896



42, 4.712, 3.627



36, 68.378, 28.666



5, 22.064, 10.612

Inverse Universe

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



68, 27.753, 6.399



75, 38.760, 7.490



76, 18.640, 232.440



42, 4.712, 3.627



36, 68.378, 28.666



5, 22.064, 10.612

Previews

White Background



This preview shows how the CIELCh color 68, 27.755, 6.396 looks on a white background.

Color Contrast Check

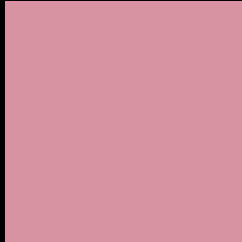
Large Text (above 18pt) WCAG AA × Fail

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 68, 27.755, 6.396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

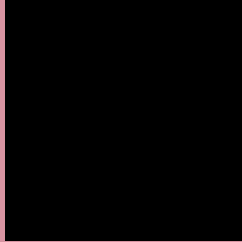
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 27.755, 6.396

Background



This preview shows how black text looks on a background with the CIELCh color 68, 27.755, 6.396.

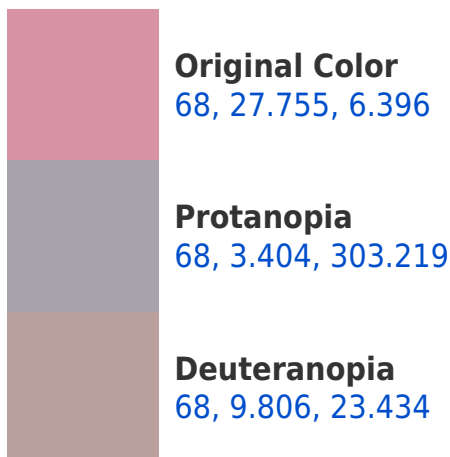


This preview shows how white text looks on a background with the CIELCh color 68, 27.755, 6.396.

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





Tritanopia
68, 27.129, 9.483

Trichromacy



Original Color
68, 27.755, 6.396

Protanomaly
68, 10.927, 356.752

Deuteranomaly
68, 16.337, 11.352

Tritanomaly
68, 27.188, 8.348

Monochromacy



Original Color
68, 27.755, 6.396

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 10.031, 4.490

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 27.755, 6.396 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(215, 147, 161)` looks like.

```
.text, #text, p{  
    color:rgb(215, 147, 161)  
}
```

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(215, 147, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 147, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 27.755, 6.396 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(215, 147, 161) }
```

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

```
.border{ border-color:rgb(215, 147, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 147, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 147, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 147, 161);  
box-shadow:4px 4px 4px 4px rgb(215, 147,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 27.755, 6.396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 147, 161) }
```

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

```
.background{ background-color: rgb(215,  
147, 161) }
```

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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