

Converting Colors

CIELCh(68, 25.433, 352.851)

Have a look what the booklet for
CIELCh(68, 25.433, 352.851)
contains.

CIELCh(68, 25.801, 352.960)	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(68, 25.801, 352.960)

Conversions

Conversions Part 1

Format	Color
Hex	D095AC
RGB	208, 149, 172
RGB Percent	82%, 58%, 67%
CMY	0.1836, 0.4150, 0.3248
CMYK	0.00, 0.28, 0.17, 0.18
HSL	337°, 39%, 70%
HSV	337°, 28%, 82%
XYZ	44.3030, 37.9720, 44.1129
YIQ	169.2630, 27.7810, 19.6610

Conversions

Conversions Part 2

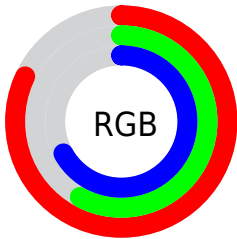
Format	Color
R _{YB}	208, 149, 172
Decimal	13669804
CIE Lab	68.00, 25.61, -3.16
CIE LCh	68, 25.801, 352.960
Yxy	37.9720, 0.3505, 0.3004
Android (android.graphics.Color)	4291859884 (0xFFD095AC)
YUV	169.2630, 1.3493, 33.9723
Hunter-Lab	61.6215, 20.4958, 0.6911

Details

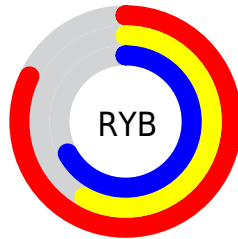
The CIELCh color **68, 25.801, 352.960** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **79, 24.335, 167.304**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 22.027, 348.233**, and **48, 25.706, 353.192** is the 20% darker color. If you saturate the color by 10%, you get **63, 35.108, 354.322**, and if you desaturate by 10%, it is **73, 16.504, 351.792**.

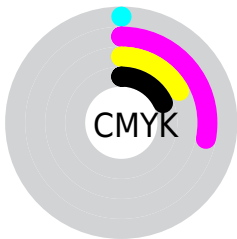
Distribution



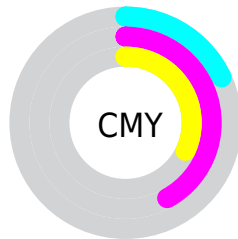
- Red (82%)
- Green (58%)
- Blue (67%)



- Red (82%)
- Yellow (58%)
- Blue (67%)



- Cyan (0%)
- Magenta (28%)
- Yellow (17%)
- Black (18%)





- Cyan (18%)
- Magenta (42%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 25.801, 352.960 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, 25.801, 352.960 by changing the saturation by 10% instead.


 68, 25.801,
352.960


 68, 25.801,
352.960


 100, 25.801,
352.960


 58, 25.801,
352.960


 88, 25.801,
352.960

 48, 25.801,
352.960

 98, 25.801,
352.960

 38, 25.801,
352.960

 28, 25.801,
352.960

 18, 25.801,
352.960

 8, 25.801, 352.960

 0, 25.801, 352.960

68, 25.801,
352.960

68, 25.801,
352.960

63, 35.108,
354.322

73, 16.504,
351.792

58, 44.166,
355.943

79, 7.394, 350.745

84, 1.434, 170.230

54, 52.600,
357.920

90, 9.934, 169.152

50, 59.963, 0.388

96, 18.092,
168.404

48, 65.822, 3.514

97, 16.194,
186.337

46, 69.941, 7.474

44, 72.574, 12.313

97, 15.569,
198.470

44, 73.003, 13.134

Harmonies

Complementary

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



68, 25.801, 352.960



79, 24.335, 167.304

Rectangle

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



68, 25.801, 352.960



68, 25.801, 42.960



68, 25.801, 172.960



68, 25.801, 222.960

Sweetspot

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



68, 25.798, 352.962



94, 9.414, 350.823



67, 34.989, 313.729



49, 6.557, 350.973



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, 25.798, 352.962



78, 36.645, 353.759



69, 21.861, 29.730



41, 5.054, 350.854



35, 62.197, 12.258



5, 20.931, 0.711

Inverse Universe

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



68, 25.798, 352.962



78, 36.645, 353.759



78, 17.900, 208.401



41, 5.054, 350.854



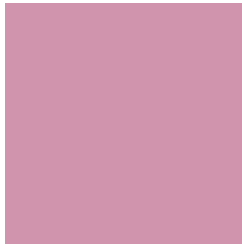
35, 62.197, 12.258



5, 20.931, 0.711

Previews

White Background



This preview shows how the CIELCh color 68, 25.801, 352.960 looks on a white background.

Color Contrast Check

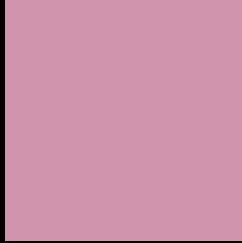
Large Text (above 18pt) WCAG AA × Fail

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 68, 25.801, 352.960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

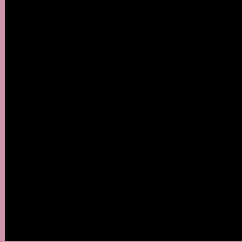
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 25.801, 352.960

Background



This preview shows how black text looks on a background with the CIELCh color 68, 25.801, 352.960.



This preview shows how white text looks on a background with the CIELCh color 68, 25.801, 352.960.

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
68, 25.801, 352.960

Protanopia
68, 9.369, 288.919

Deuteranopia
68, 8.785, 345.948



Tritanopia
68, 22.750, 6.439

Trichromacy



Original Color
68, 25.801, 352.960

Protanomaly
68, 13.135, 327.773

Deuteranomaly
68, 14.775, 349.528

Tritanomaly
68, 23.761, 0.303

Monochromacy



Original Color
68, 25.801, 352.960

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 9.154, 351.612

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 25.801, 352.960 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(208, 149, 172)` looks like.

```
.text, #text, p{  
    color:rgb(208, 149, 172)  
}
```

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(208, 149, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 149, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 25.801, 352.960 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(208, 149, 172) }
```

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

```
.border{ border-color:rgb(208, 149, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 149, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 149, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 149, 172);  
box-shadow:4px 4px 4px 4px rgb(208, 149,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 25.801, 352.960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 149, 172) }
```

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

```
.background{ background-color: rgb(208,  
149, 172) }
```

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