

Converting Colors

CIELCh(68, 27.694, 353.274)

Have a look what the booklet for
CIELCh(68, 27.694, 353.274)
contains.

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Color

CIELCh(68, 27.393, 353.733)

Conversions

Conversions Part 1

Format	Color
Hex	D394AC
RGB	211, 148, 172
RGB Percent	83%, 58%, 67%
CMY	0.1728, 0.4199, 0.3258
CMYK	0.00, 0.30, 0.18, 0.17
HSL	337°, 42%, 70%
HSV	337°, 30%, 83%
XYZ	44.8617, 37.9720, 43.9593
YIQ	169.5730, 29.8440, 20.8200

Conversions

Conversions Part 2

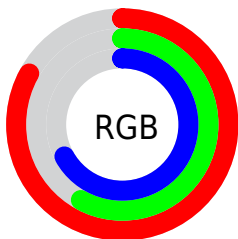
Format	Color
R _Y B	211, 148, 172
Decimal	13866156
CIE Lab	68.00, 27.23, -2.99
CIE LCh	68, 27.393, 353.733
Yxy	37.9720, 0.3538, 0.2995
Android (android.graphics.Color)	4292056236 (0xFFD394AC)
YUV	169.5730, 1.1965, 36.3315
Hunter-Lab	61.6215, 22.1142, 0.8389

Details

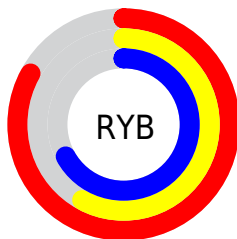
The CIELCh color $68, 27.393, 353.733$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $80, 25.692, 167.677$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 22.612, 347.652$, and $48, 27.014, 353.625$ is the 20% darker color. If you saturate the color by 10%, you get $63, 36.758, 355.147$, and if you desaturate by 10%, it is $73, 18.013, 352.527$.

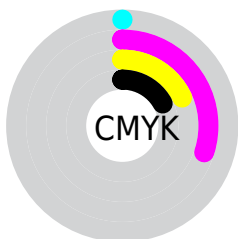
Distribution



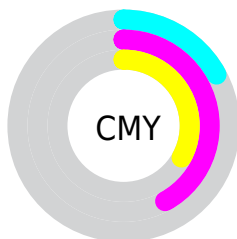
- Red (83%)
- Green (58%)
- Blue (67%)



- Red (83%)
- Yellow (58%)
- Blue (67%)



- Cyan (0%)
- Magenta (30%)
- Yellow (18%)
- Black (17%)



- Cyan (17%)
- Magenta (42%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 27.393, 353.733 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, 27.393, 353.733 by changing the saturation by 10% instead.

 68, 27.393,
353.733


 68, 27.393,
353.733

 100, 27.393,
353.733


 58, 27.393,
353.733


 88, 27.393,
353.733

 48, 27.393,
353.733

 98, 27.393,
353.733

 38, 27.393,
353.733

 28, 27.393,
353.733

 18, 27.393,
353.733

 8, 27.393, 353.733

 0, 27.393, 353.733

68, 27.393,
353.733

68, 27.393,
353.733

63, 36.758,
355.147

73, 18.013,
352.527

58, 45.833,
356.838

79, 8.810, 351.459

85, 0.113, 174.714

54, 54.228,
358.914

90, 8.705, 169.826

50, 61.487, 1.516

96, 16.948,
169.060

48, 67.194, 4.817

97, 15.086,
189.241

46, 71.168, 8.988

45, 73.852, 13.974

97, 14.706,
198.526

45, 73.890, 14.042

Harmonies

Complementary

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



68, 27.393, 353.733



80, 25.692, 167.677

Rectangle

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



68, 27.393, 353.733



68, 27.393, 43.733



68, 27.393, 173.733



68, 27.393, 223.733

Sweetspot

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



68, 27.390, 353.735



94, 9.365, 351.380



67, 37.424, 314.341



49, 6.523, 351.532



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, 27.390, 353.735



77, 38.681, 354.629



69, 23.116, 31.303



41, 5.028, 351.412



35, 62.312, 13.106



5, 20.879, 1.217

Inverse Universe

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



68, 27.390, 353.735



77, 38.681, 354.629



78, 18.691, 210.361



41, 5.028, 351.412



35, 62.312, 13.106



5, 20.879, 1.217

Previews

White Background



This preview shows how the CIELCh color 68, 27.393, 353.733 looks on a white background.

Color Contrast Check

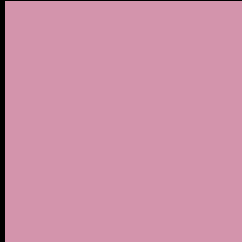
Large Text (above 18pt) WCAG AA × Fail

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, 27.393, 353.733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

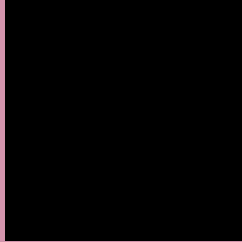
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 27.393, 353.733

Background



This preview shows how black text looks on a background with the CIELCh color 68, 27.393, 353.733.



This preview shows how white text looks on a background with the CIELCh color 68, 27.393, 353.733.

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, 27.393, 353.733

Protanopia
68, 9.369, 288.919

Deuteranopia
68, 8.785, 345.948



Tritanopia
68, 24.329, 7.644

Trichromacy



Original Color
68, 27.393, 353.733

Protanomaly
68, 13.361, 329.095

Deuteranomaly
68, 15.714, 349.365

Tritanomaly
68, 25.264, 1.842

Monochromacy



Original Color
68, 27.393, 353.733

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 10.081, 351.056

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 27.393, 353.733 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(211, 148, 172)` looks like.

```
.text, #text, p{  
    color:rgb(211, 148, 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(211, 148, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 148, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 27.393, 353.733 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(211, 148, 172) }
```

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

```
.border{ border-color:rgb(211, 148, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 148, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 148, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 148, 172);  
box-shadow:4px 4px 4px 4px rgb(211, 148,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 27.393, 353.733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 148, 172) }
```

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

```
.background{ background-color: rgb(211,  
148, 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](#).

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