

Converting Colors

CIELCh(35, 64.890, 327.491)

Have a look what the booklet for
CIELCh(35, 64.890, 327.491)
contains.

CIELCh(35, 64.818, 327.503)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	26

Color

CIELCh(35, 64.818, 327.503)

Conversions

Conversions Part 1

Format	Color
Hex	8A248B
RGB	138, 36, 139
RGB Percent	54%, 14%, 55%
CMY	0.4595, 0.8596, 0.4555
CMYK	0.01, 0.74, 0.00, 0.46
HSL	299°, 59%, 34%
HSV	299°, 74%, 54%
XYZ	15.7267, 8.4984, 25.1760
YIQ	78.2400, 27.7290, 53.6570

Conversions

Conversions Part 2

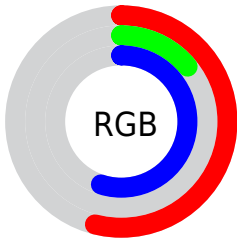
Format	Color
R_{YB}	138, 36, 139
Decimal	9053323
CIE _{Lab}	35.00, 54.67, -34.82
CIE _{LCh}	35, 64.818, 327.503
Yxy	8.4984, 0.3183, 0.1720
Android (android.graphics.Color)	4287243403 (0xFF8A248B)
YUV	78.2400, 29.9547, 52.4095
Hunter-Lab	29.1520, 45.2800, -30.7971

Details

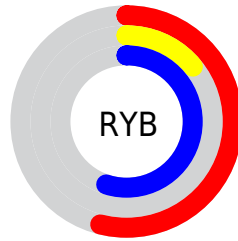
The CIELCh color **35, 64.818, 327.503** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **51, 66.005, 137.777**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 64.708, 327.425**, and **18, 53.319, 326.575** is the 20% darker color. If you saturate the color by 10%, you get **34, 69.410, 327.702**, and if you desaturate by 10%, it is **37, 58.583, 327.216**.

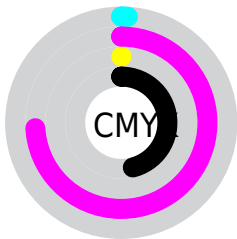
Distribution



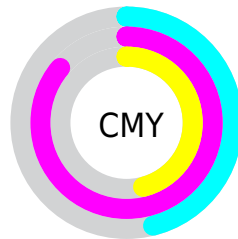
- Red (54%)
- Green (14%)
- Blue (55%)



- Red (54%)
- Yellow (14%)
- Blue (55%)



- Cyan (1%)
- Magenta (74%)
- Yellow (0%)
- Black (46%)





- Cyan (46%)
- Magenta (86%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 64.818, 327.503 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 35, 64.818, 327.503 by changing the saturation by 10% instead.


 35, 64.818,
327.503


 35, 64.818,
327.503

 100, 64.818,
327.503

 25, 64.818,
327.503

 55, 64.818,
327.503

 15, 64.818,
327.503


 65, 64.818,
327.503

 5, 64.818, 327.503

 75, 64.818,
327.503

 0, 64.818, 327.503

 85, 64.818,
327.503

 95, 64.818,
327.503

■ 35, 64.818,
327.503

■ 35, 64.818,
327.503

■ 34, 69.410,
327.702

■ 37, 58.583,
327.216

■ 33, 72.257,
327.810

■ 39, 50.994,
326.850

■ 32, 73.555,
327.855

■ 42, 42.402,
326.421

■ 45, 33.151,
325.945

■ 49, 23.535,
325.438

■ 52, 13.782,
324.912

■ 56, 4.058, 324.354

■ 60, 5.525, 143.920

■ 64, 14.897,
143.394

Harmonies

Complementary

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



35, 64.818, 327.503



51, 66.005, 137.777

Rectangle

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



35, 64.818, 327.503



35, 64.818, 17.503



35, 64.818, 147.503



35, 64.818, 197.503

Sweetspot

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



35, 64.816, 327.503



64, 26.565, 325.349



22, 65.949, 301.754



32, 17.990, 325.471



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



35, 64.816, 327.503



43, 86.911, 327.784



33, 48.057, 351.965



27, 5.424, 324.639



31, 71.143, 327.856



0, 2.504, 324.179

Inverse Universe

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



31, 50.108, 30.469



39, 74.076, 36.339



51, 46.451, 154.005



27, 3.148, 19.090



27, 62.822, 38.274



0, 1.414, 18.590

Previews

White Background



This preview shows how the CIELCh color 35, 64.818, 327.503 looks on a white 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

Black Background



This preview shows how the CIELCh color 35, 64.818, 327.503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

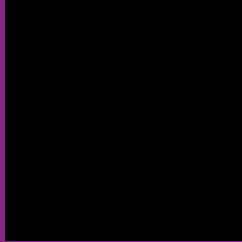
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 64.818, 327.503

Background



This preview shows how black text looks on a background with the CIELCh color 35, 64.818, 327.503.



This preview shows how white text looks on a background with the CIELCh color 35, 64.818, 327.503.

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
35, 64.818, 327.503

Deuteranopia
35, 31.014, 280.579

Tritanopia
35, 31.749, 20.949

Trichromacy

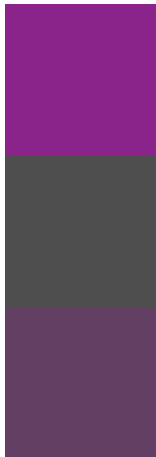


Original Color
35, 64.818, 327.503

Deuteranomaly
33, 43.205, 305.333

Tritanomaly
34, 39.650, 350.854

Monochromacy



Original Color
35, 64.818, 327.503

Achromatopsia
33, 0.005, 296.813

Achromatomaly
32, 27.426, 326.302

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 64.818, 327.503 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(138, 36, 139)` looks like.

```
.text, #text, p{  
    color:rgb(138, 36, 139)  
}
```

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(138, 36, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 36, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 64.818, 327.503 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(138, 36, 139) }
```

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

```
.border{ border-color:rgb(138, 36, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 36, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 36, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 36, 139);  
box-shadow:4px 4px 4px 4px rgb(138, 36,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 64.818, 327.503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 36, 139) }
```

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

```
.background{ background-color: rgb(138, 36,  
139) }
```

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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