

Converting Colors

CIELCh(35, 79.134, 326.275)

Have a look what the booklet for
CIELCh(35, 79.134, 326.275)
contains.

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Color

CIELCh(35, 79.227, 326.204)

Conversions

Conversions Part 1

Format	Color
Hex	92029A
RGB	146, 2, 154
RGB Percent	57%, 1%, 60%
CMY	0.4272, 0.9915, 0.3958
CMYK	0.05, 0.99, 0.00, 0.40
HSL	297°, 97%, 31%
HSV	297°, 99%, 60%
XYZ	17.7259, 8.4984, 31.3035
YIQ	62.3840, 37.0320, 77.8000

Conversions

Conversions Part 2

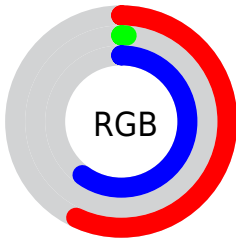
Format	Color
RYB	146, 2, 154
Decimal	9568922
CIELab	35.00, 65.84, -44.07
CIELCh	35, 79.227, 326.204
Yxy	8.4984, 0.3081, 0.1477
Android (android.graphics.Color)	4287759002 (0xFF92029A)
YUV	62.3840, 45.1667, 73.3312
Hunter-Lab	29.1520, 57.5213, -43.2593

Details

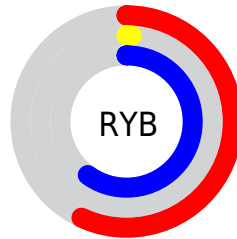
The CIELCh color **35, 79.227, 326.204** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **55, 81.548, 135.817**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **55, 79.437, 326.339**, and **21, 59.434, 323.931** is the 20% darker color. If you saturate the color by 10%, you get **35, 79.546, 326.197**, and if you desaturate by 10%, it is **36, 76.760, 326.245**.

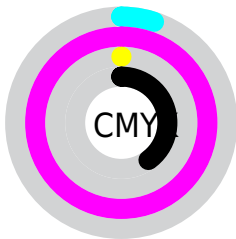
Distribution



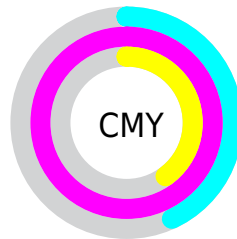
- Red (57%)
- Green (1%)
- Blue (60%)



- Red (57%)
- Yellow (1%)
- Blue (60%)



- Cyan (5%)
- Magenta (99%)
- Yellow (0%)
- Black (40%)





- Cyan (43%)
- Magenta (99%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 79.227, 326.204 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, 79.227, 326.204 by changing the saturation by 10% instead.


 35, 79.227,
326.204


 35, 79.227,
326.204

 100, 79.227,
326.204


 25, 79.227,
326.204

 55, 79.227,
326.204


 15, 79.227,
326.204


 65, 79.227,
326.204

 5, 79.227, 326.204

 75, 79.227,
326.204

 0, 79.227, 326.204

 85, 79.227,
326.204

 95, 79.227,
326.204

■ 35, 79.227,
326.204

■ 35, 79.227,
326.204

■ 35, 79.546,
326.197

■ 36, 76.760,
326.245

■ 37, 72.600,
326.182

■ 39, 66.540,
326.001

■ 42, 58.855,
325.716

■ 45, 49.929,
325.348

■ 48, 40.162,
324.918

■ 52, 29.903,
324.446

■ 56, 19.427,

323.949

■ 60, 8.934, 323.435

Harmonies

Complementary

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



35, 79.227, 326.204



55, 81.548, 135.817

Rectangle

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



35, 79.227, 326.204



35, 79.227, 16.204



35, 79.227, 146.204



35, 79.227, 196.204

Sweetspot

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



35, 79.225, 326.204



66, 39.018, 324.543



18, 87.898, 305.144



33, 26.787, 324.730



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



35, 79.225, 326.204



46, 97.039, 326.157



33, 59.149, 354.877



30, 5.844, 323.468



32, 74.271, 326.214



1, 6.266, 322.847

Inverse Universe

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



32, 68.687, 37.056



42, 85.393, 38.126



56, 64.209, 146.652



30, 3.443, 15.631



28, 64.375, 36.928



1, 3.609, 15.104

Previews

White Background



This preview shows how the CIELCh color 35, 79.227, 326.204 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, 79.227, 326.204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

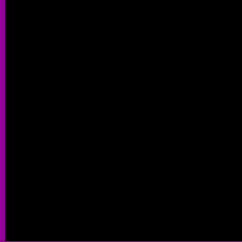
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 79.227, 326.204

Background



This preview shows how black text looks on a background with the CIELCh color 35, 79.227, 326.204.



This preview shows how white text looks on a background with the CIELCh color 35, 79.227, 326.204.

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, 79.227, 326.204

Protanopia
36, 56.573, 286.293

Deuteranopia
36, 37.473, 278.217



Tritanopia
36, 35.392, 21.291

Trichromacy



Original Color
35, 79.227, 326.204



Protanomaly
30, 70.924, 301.157



Deuteranomaly
31, 58.076, 305.302



Tritanomaly
34, 48.822, 347.697

Monochromacy



Original Color
35, 79.227, 326.204



Achromatopsia
27, 0.004, 296.813



Achromatomaly
26, 39.432, 325.518

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 79.227, 326.204 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(146, 2, 154)` looks like.

```
.text, #text, p{  
    color:rgb(146, 2, 154)  
}
```

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(146, 2, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 2, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 79.227, 326.204 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(146, 2, 154) }
```

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

```
.border{ border-color:rgb(146, 2, 154) }
```

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

Here you see how a box with a 4 pixel rgb(146, 2, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 2, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 2, 154);  
box-shadow:4px 4px 4px 4px rgb(146, 2,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 79.227, 326.204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 2, 154) }
```

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

```
.background{ background-color: rgb(146, 2,  
154) }
```

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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