

Converting Colors

CIELCh(35, 36.408, 325.879)

Have a look what the booklet for
CIELCh(35, 36.408, 325.879)
contains.

CIELCh(35, 36.408, 326.100)	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>	27

Color

CIELCh(35, 36.408, 326.100)

Conversions

Conversions Part 1

Format	Color
Hex	724073
RGB	114, 64, 115
RGB Percent	45%, 25%, 45%
CMY	0.5526, 0.7487, 0.5487
CMYK	0.01, 0.44, 0.00, 0.55
HSL	299°, 28%, 35%
HSV	299°, 44%, 45%
XYZ	11.8875, 8.4984, 17.2585
YIQ	84.7640, 13.4290, 26.4610

Conversions

Conversions Part 2

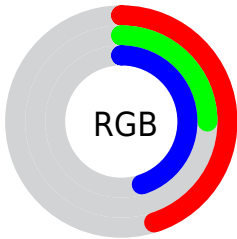
Format	Color
R_{YB}	114, 64, 115
Decimal	7487603
CIE _{Lab}	35.00, 30.22, -20.31
CIE _{LCh}	35, 36.408, 326.100
Yxy	8.4984, 0.3158, 0.2258
Android (android.graphics.Color)	4285677683 (0xFF724073)
YUV	84.7640, 14.9063, 25.6400
Hunter-Lab	29.1520, 21.7723, -14.6943

Details

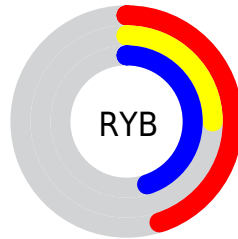
The CIELCh color **35, 36.408, 326.100** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **44, 36.445, 140.773**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 36.564, 326.158**, and **15, 36.596, 325.736** is the 20% darker color. If you saturate the color by 10%, you get **33, 43.833, 326.518**, and if you desaturate by 10%, it is **38, 28.455, 325.637**.

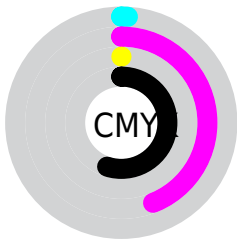
Distribution



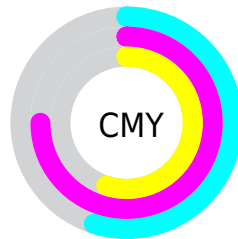
- Red (45%)
- Green (25%)
- Blue (45%)



- Red (45%)
- Yellow (25%)
- Blue (45%)



- Cyan (1%)
- Magenta (44%)
- Yellow (0%)
- Black (55%)





- Cyan (55%)
- Magenta (75%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 36.408, 326.100 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, 36.408, 326.100 by changing the saturation by 10% instead.


 35, 36.408,
326.100


 35, 36.408,
326.100

 100, 36.408,
326.100


 25, 36.408,
326.100

 55, 36.408,
326.100


 15, 36.408,
326.100


 65, 36.408,
326.100

 5, 36.408, 326.100

 75, 36.408,
326.100

 0, 36.408, 326.100

 85, 36.408,
326.100

 95, 36.408,
326.100

■ 35, 36.408,
326.100

■ 35, 36.408,
326.100

■ 33, 43.833,
326.518

■ 38, 28.455,
325.637

■ 30, 50.453,
326.874

■ 41, 20.216,
325.145

■ 29, 55.971,
327.154

■ 44, 11.874,
324.634

■ 27, 60.137,
327.344

■ 47, 3.562, 324.093

■ 50, 4.631, 143.676

■ 26, 62.892,
327.445

■ 54, 12.646,
143.164

■ 26, 64.286,
327.492

■ 57, 20.452,
142.689

■ 61, 28.032,
142.239

■ 64, 35.380,
141.814

Harmonies

Complementary

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



35, 36.408, 326.100



44, 36.445, 140.773

Rectangle

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



35, 36.408, 326.100



35, 36.408, 16.100



35, 36.408, 146.100



35, 36.408, 196.100

Sweetspot

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



35, 36.406, 326.100



57, 13.422, 324.584



30, 31.546, 294.701



29, 9.473, 324.678



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



35, 36.406, 326.100



43, 53.262, 326.521



34, 26.908, 345.966



23, 4.728, 324.358



28, 67.185, 327.487



58, 113.910, 327.446

Inverse Universe

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



33, 24.047, 22.223



40, 36.789, 24.106



44, 25.844, 157.753



23, 2.750, 18.276



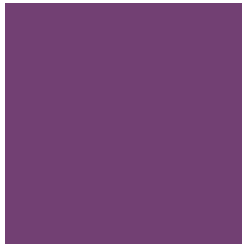
24, 58.493, 37.220



52, 102.208, 39.449

Previews

White Background



This preview shows how the CIE LCh color 35, 36.408, 326.100 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, 36.408, 326.100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

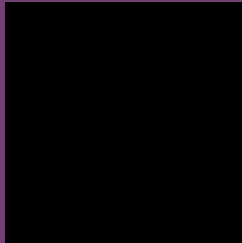
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 36.408, 326.100

Background



This preview shows how black text looks on a background with the CIELCh color 35, 36.408, 326.100.



This preview shows how white text looks on a background with the CIELCh color 35, 36.408, 326.100.

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, 36.408, 326.100

Protanopia

35, 30.083, 285.352

Deuteranopia

35, 18.819, 284.428



Tritanopia
35, 16.994, 9.768

Trichromacy



Original Color
35, 36.408, 326.100

Protanomaly
35, 30.840, 300.163

Deuteranomaly
35, 24.442, 306.273

Tritanomaly
35, 22.246, 345.751

Monochromacy



Original Color
35, 36.408, 326.100

Achromatopsia
36, 0.005, 296.813

Achromatomaly
35, 14.244, 325.439

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 35, 36.408, 326.100 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(114, 64, 115)` looks like.

```
.text, #text, p{  
    color:rgb(114, 64, 115)  
}
```

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(114, 64, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 64, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 36.408, 326.100 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(114, 64, 115) }
```

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

```
.border{ border-color:rgb(114, 64, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 64, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(114, 64, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(114, 64, 115); box-shadow:4px 4px 4px 4px rgb(114, 64, 115) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 36.408, 326.100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 64, 115) }
```

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

```
.background{ background-color: rgb(114, 64,  
115) }
```

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