

Converting Colors

CIELCh(34, 25.939, 347.846)

Have a look what the booklet for
CIELCh(34, 25.939, 347.846)
contains.

CIELCh(34, 25.939, 347.846)	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(34, 25.939, 347.846)

Conversions

Conversions Part 1

Format	Color
Hex	724059
RGB	114, 64, 89
RGB Percent	45%, 25%, 35%
CMY	0.5520, 0.7482, 0.6501
CMYK	0.00, 0.44, 0.22, 0.55
HSL	330°, 28%, 35%
HSV	330°, 44%, 45%
XYZ	10.6268, 8.0082, 10.4839
YIQ	81.8000, 21.7750, 18.3750

Conversions

Conversions Part 2

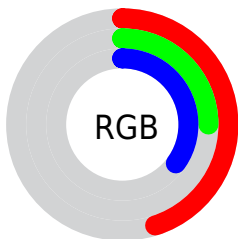
Format	Color
R_{YB}	114, 64, 89
Decimal	7487577
CIE _{Lab}	34.00, 25.36, -5.46
CIE _{LCh}	34, 25.939, 347.846
Yxy	8.0082, 0.3649, 0.2750
Android (android.graphics.Color)	4285677657 (0xFF724059)
YUV	81.8000, 3.5496, 28.2394
Hunter-Lab	28.2988, 17.5077, -2.1562

Details

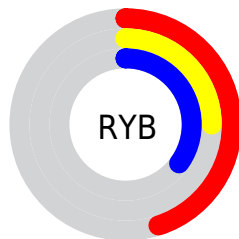
The CIELCh color $[34, 25.939, 347.846]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[44, 24.704, 159.507]$, and the grayscale version is $[35, 0.005, 296.813]$.

A 20% lighter version of the original color is $[54, 25.906, 347.720]$, and $[14, 26.141, 347.039]$ is the 20% darker color. If you saturate the color by 10%, you get $[31, 31.523, 349.195]$, and if you desaturate by 10%, it is $[37, 20.052, 346.685]$.

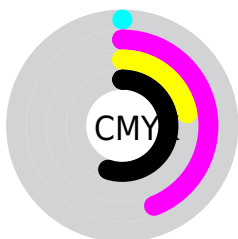
Distribution



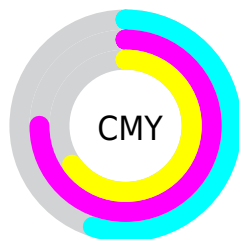
- Red (45%)
- Green (25%)
- Blue (35%)



- Red (45%)
- Yellow (25%)
- Blue (35%)



- Cyan (0%)
- Magenta (44%)
- Yellow (22%)
- Black (55%)




- Cyan (55%)
- Magenta (75%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 25.939, 347.846 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 34, 25.939, 347.846 by changing the saturation by 10% instead.


 34, 25.939,
347.846

 34, 25.939,
347.846

 100, 25.939,
347.846


 24, 25.939,
347.846

 54, 25.939,
347.846


 14, 25.939,
347.846

 64, 25.939,
347.846

 4, 25.939, 347.846

 74, 25.939,
347.846

 0, 25.939, 347.846

 84, 25.939,
347.846

 94, 25.939,
347.846

■ 34, 25.939,
347.846

■ 34, 25.939,
347.846

■ 31, 31.523,
349.195

■ 37, 20.052,
346.685

■ 29, 36.565,
350.795

■ 40, 14.053,
345.662

■ 27, 40.787,
352.740

■ 43, 8.072, 344.740

■ 25, 43.933,
355.151

■ 47, 2.193, 343.829

■ 50, 3.535, 163.280

■ 24, 45.908,
358.138

■ 54, 9.087, 162.545

■ 23, 47.041, 0.044

■ 57, 14.452,
161.898

■ 61, 19.633,
161.304

■ 64, 24.635,

Harmonies

Complementary

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



34, 25.939, 347.846



44, 24.704, 159.507

Rectangle

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



34, 25.939, 347.846



34, 25.939, 37.846



34, 25.939, 167.846



34, 25.939, 217.846

Sweetspot

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



34, 25.937, 347.847



56, 9.402, 344.699



32, 32.964, 311.158



28, 6.549, 344.856



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



34, 25.937, 347.847



41, 38.350, 349.278



33, 23.693, 23.566



22, 3.227, 344.317



25, 48.657, 0.275



53, 82.705, 2.880

Inverse Universe

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



34, 25.937, 347.847



41, 38.350, 349.278



45, 17.620, 197.457



22, 3.227, 344.317



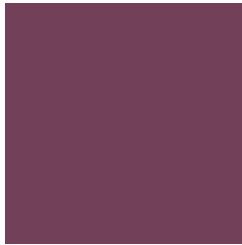
25, 48.657, 0.275



53, 82.705, 2.880

Previews

White Background



This preview shows how the CIELCh color 34, 25.939, 347.846 looks on a white background.

Color Contrast Check

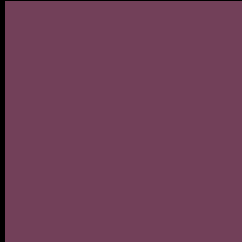
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIE LCh color 34, 25.939, 347.846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

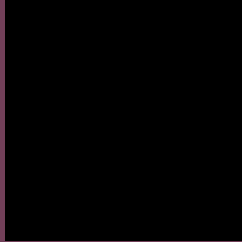
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 25.939, 347.846

Background



This preview shows how black text looks on a background with the CIELCh color 34, 25.939, 347.846.

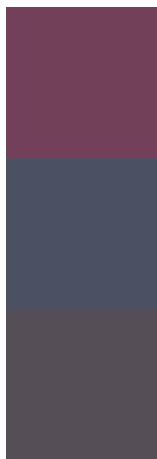


This preview shows how white text looks on a background with the CIELCh color 34, 25.939, 347.846.

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

34, 25.939, 347.846

Protanopia

34, 11.963, 284.738

Deuteranopia

34, 6.404, 318.537



Tritanopia
34, 21.276, 14.908

Trichromacy



Original Color
34, 25.939, 347.846

Protanomaly
34, 14.787, 318.544

Deuteranomaly
34, 13.566, 337.941

Tritanomaly
34, 22.082, 3.976

Monochromacy



Original Color
34, 25.939, 347.846

Achromatopsia
35, 0.005, 296.813

Achromatomaly
34, 9.596, 345.175

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 25.939, 347.846 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, 89)` looks like.

```
.text, #text, p{  
    color:rgb(114, 64, 89)  
}
```

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, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 64, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 25.939, 347.846 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, 89) }
```

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

```
.border{ border-color:rgb(114, 64, 89) }
```

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, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 64, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 64, 89);  
box-shadow:4px 4px 4px 4px rgb(114, 64,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 25.939, 347.846 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, 89) }
```

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

```
.background{ background-color: rgb(114, 64,  
89) }
```

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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