

Converting Colors

CIELCh(34, 25.256, 353.446)

Have a look what the booklet for
CIELCh(34, 25.256, 353.446)
contains.

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Color

CIELCh(34, 25.256, 353.446)

Conversions

Conversions Part 1

Format	Color
Hex	734055
RGB	115, 64, 85
RGB Percent	45%, 25%, 33%
CMY	0.5482, 0.7482, 0.6659
CMYK	0.00, 0.44, 0.26, 0.55
HSL	335°, 28%, 35%
HSV	335°, 44%, 45%
XYZ	10.5916, 8.0082, 9.6239
YIQ	81.6430, 23.6550, 17.3430

Conversions

Conversions Part 2

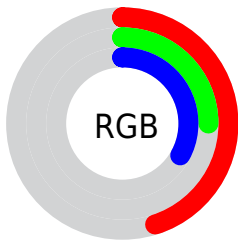
Format	Color
R_{YB}	115, 64, 85
Decimal	7553109
CIE _{Lab}	34.00, 25.09, -2.88
CIE _{LCh}	34, 25.256, 353.446
Yxy	8.0082, 0.3753, 0.2837
Android (android.graphics.Color)	4285743189 (0xFF734055)
YUV	81.6430, 1.6550, 29.2541
Hunter-Lab	28.2988, 17.2853, -0.3543

Details

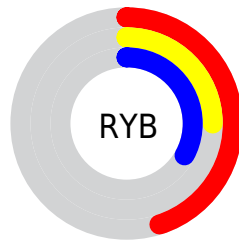
The CIELCh color $[34, 25.256, 353.446]$ is a dark color, and the websafe version is hex 663333 . A complement of this color would be $[45, 23.363, 164.335]$, and the grayscale version is $[35, 0.005, 296.813]$.

A 20% lighter version of the original color is $[54, 25.229, 352.802]$, and $[14, 25.397, 353.497]$ is the 20% darker color. If you saturate the color by 10%, you get $[31, 30.748, 355.042]$, and if you desaturate by 10%, it is $[37, 19.518, 352.104]$.

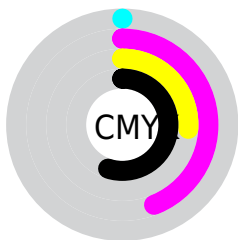
Distribution



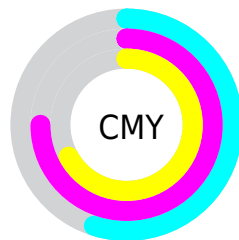
- Red (45%)
- Green (25%)
- Blue (33%)



- Red (45%)
- Yellow (25%)
- Blue (33%)



- Cyan (0%)
- Magenta (44%)
- Yellow (26%)
- Black (55%)



- Cyan (55%)
- Magenta (75%)
- Yellow (67%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 25.256, 353.446 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, 25.256, 353.446 by changing the saturation by 10% instead.

 34, 25.256,
353.446

 34, 25.256,
353.446

 100, 25.256,
353.446


 24, 25.256,
353.446

 54, 25.256,
353.446

 14, 25.256,
353.446

 64, 25.256,
353.446

 4, 25.256, 353.446

 74, 25.256,
353.446

 0, 25.256, 353.446

 84, 25.256,
353.446

 94, 25.256,
353.446

34, 25.256,
353.446

34, 25.256,
353.446

31, 30.748,
355.042

37, 19.518,
352.104

29, 35.767,
356.976

40, 13.716,
350.945

27, 40.051,
359.369

44, 7.970, 349.921

25, 43.366, 2.367

47, 2.354, 348.938

24, 45.674, 6.070

51, 3.087, 168.352

23, 46.984, 8.204

54, 8.336, 167.562

58, 13.388,
166.882

61, 18.246,
166.263

65, 22.922,

Harmonies

Complementary

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



34, 25.256, 353.446



45, 23.363, 164.335

Rectangle

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



34, 25.256, 353.446



34, 25.256, 43.446



34, 25.256, 173.446



34, 25.256, 223.446

Sweetspot

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



34, 25.254, 353.448



57, 9.018, 349.830



33, 33.929, 313.835



29, 6.375, 350.008



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



34, 25.254, 353.448



41, 37.354, 355.060



34, 22.550, 29.599



23, 3.165, 349.419



25, 49.072, 8.556



53, 83.512, 11.613

Inverse Universe

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



34, 25.254, 353.448



41, 37.354, 355.060



44, 16.473, 206.604



23, 3.165, 349.419



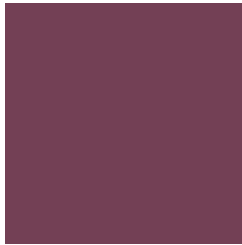
25, 49.072, 8.556



53, 83.512, 11.613

Previews

White Background



This preview shows how the CIE LCh color 34, 25.256, 353.446 looks on a white background.

Color Contrast Check

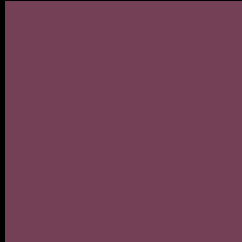
Large Text (above 18pt) WCAG AA ✓ Pass

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 34, 25.256, 353.446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

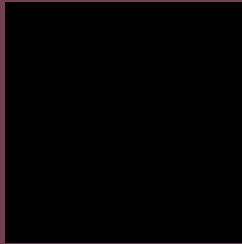
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 25.256, 353.446

Background



This preview shows how black text looks on a background with the CIELCh color 34, 25.256, 353.446.



This preview shows how white text looks on a background with the CIELCh color 34, 25.256, 353.446.

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, 25.256, 353.446

Protanopia

34, 9.447, 284.531

Deuteranopia

34, 5.005, 341.484



Tritanopia
34, 21.735, 15.175

Trichromacy



Original Color
34, 25.256, 353.446

Protanomaly
34, 12.860, 325.375

Deuteranomaly
34, 12.461, 348.100

Tritanomaly
34, 22.410, 6.011

Monochromacy



Original Color
34, 25.256, 353.446

Achromatopsia
35, 0.005, 296.813

Achromatomaly
34, 8.975, 351.786

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 25.256, 353.446 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(115, 64, 85)` looks like.

```
.text, #text, p{  
    color:rgb(115, 64, 85)  
}
```

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(115, 64, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 64, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 25.256, 353.446 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(115, 64, 85) }
```

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

```
.border{ border-color:rgb(115, 64, 85) }
```

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

Here you see how a box with a 4 pixel rgb(115, 64, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 64, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 64, 85);  
box-shadow:4px 4px 4px 4px rgb(115, 64,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 25.256, 353.446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 64, 85) }
```

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

```
.background{ background-color: rgb(115, 64,  
85) }
```

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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