

Converting Colors

CIELCh(34, 25.004, 5.793)

Have a look what the booklet for
CIELCh(34, 25.004, 5.793) contains.

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Color

CIELCh(34, 24.787, 5.383)

Conversions

Conversions Part 1

Format	Color
Hex	75404D
RGB	117, 64, 77
RGB Percent	46%, 25%, 30%
CMY	0.5407, 0.7486, 0.6976
CMYK	0.00, 0.45, 0.34, 0.54
HSL	345°, 29%, 36%
HSV	345°, 45%, 46%
XYZ	10.5371, 8.0082, 8.0328
YIQ	81.3290, 27.4150, 15.2790

Conversions

Conversions Part 2

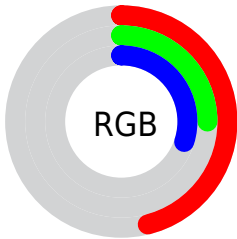
Format	Color
RYB	117, 64, 77
Decimal	7684173
CIELab	34.00, 24.68, 2.33
CIElCh	34, 24.787, 5.383
Yxy	8.0082, 0.3965, 0.3013
Android (android.graphics.Color)	4285874253 (0xFF75404D)
YUV	81.3290, -2.1342, 31.2835
Hunter-Lab	28.2988, 16.9417, 2.9792

Details

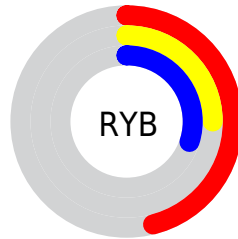
The CIELCh color $34, 24.787, 5.383$ is a dark color, and the websafe version is hex 663333 . A complement of this color would be $45, 21.144, 175.490$, and the grayscale version is $35, 0.005, 296.813$.

A 20% lighter version of the original color is $54, 24.883, 5.300$, and $14, 24.784, 5.124$ is the 20% darker color. If you saturate the color by 10%, you get $31, 30.401, 7.370$, and if you desaturate by 10%, it is $37, 19.081, 3.766$.

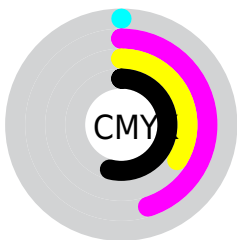
Distribution



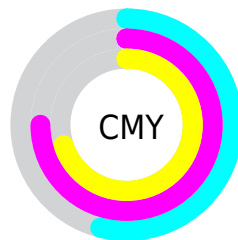
- Red (46%)
- Green (25%)
- Blue (30%)



- Red (46%)
- Yellow (25%)
- Blue (30%)



- Cyan (0%)
- Magenta (45%)
- Yellow (34%)
- Black (54%)



- Cyan (54%)
- Magenta (75%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 24.787, 5.383 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, 24.787, 5.383 by changing the saturation by 10% instead.

 34, 24.787, 5.383

 34, 24.787, 5.383

 100, 24.787, 5.383

 24, 24.787, 5.383

 54, 24.787, 5.383

 14, 24.787, 5.383

 64, 24.787, 5.383

 4, 24.787, 5.383

 74, 24.787, 5.383

 0, 24.787, 5.383

 84, 24.787, 5.383

 94, 24.787, 5.383

 34, 24.787, 5.383

 34, 24.787, 5.383

 31, 30.401, 7.370

 37, 19.081, 3.766

 29, 35.732, 9.838

 40, 13.438, 2.417

■ 26, 40.559, 12.930

■ 44, 7.953, 1.267

■ 25, 44.711, 16.778

■ 47, 2.680, 0.210

■ 24, 48.236, 21.322

■ 51, 2.355, 179.628

■ 23, 49.995, 23.358

■ 55, 7.148, 178.782

■ 58, 11.708,
178.094

■ 62, 16.049,
177.482

■ 66, 20.186,
176.930

Harmonies

Complementary

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



34, 24.787, 5.383



45, 21.144, 175.490

Rectangle

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



34, 24.787, 5.383



34, 24.787, 55.383



34, 24.787, 185.383



34, 24.787, 235.383

Sweetspot

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



34, 24.785, 5.385



57, 9.064, 1.171



34, 36.043, 319.126



28, 6.244, 1.356



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, 24.785, 5.385



41, 36.976, 7.399



37, 21.032, 44.274



23, 2.897, 0.615



25, 51.690, 23.651



53, 89.726, 27.034

Inverse Universe

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



34, 24.785, 5.385



41, 36.976, 7.399



42, 15.577, 229.303



23, 2.897, 0.615



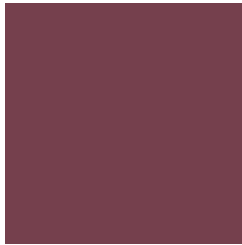
25, 51.690, 23.651



53, 89.726, 27.034

Previews

White Background



This preview shows how the CIE LCh color 34, 24.787, 5.383 looks on a white background.

Color Contrast Check

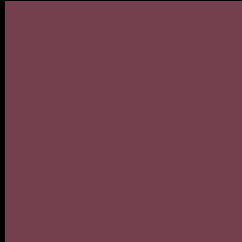
Large Text (above 18pt) WCAG AA ✓ Pass

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, 24.787, 5.383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

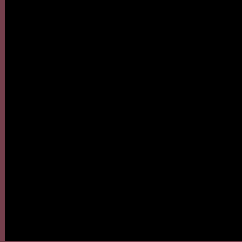
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 24.787, 5.383

Background



This preview shows how black text looks on a background with the CIELCh color 34, 24.787, 5.383.



This preview shows how white text looks on a background with the CIELCh color 34, 24.787, 5.383.

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, 24.787, 5.383

Protanopia

34, 3.762, 290.828

Deuteranopia

34, 5.705, 39.178



Tritanopia
34, 24.137, 16.523

Trichromacy



Original Color
34, 24.787, 5.383

Protanomaly
34, 10.356, 348.241

Deuteranomaly
34, 12.304, 12.740

Tritanomaly
34, 24.075, 12.136

Monochromacy



Original Color
34, 24.787, 5.383

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 8.934, 0.450

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 24.787, 5.383 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(117, 64, 77)` looks like.

```
.text, #text, p{  
    color:rgb(117, 64, 77)  
}
```

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(117, 64, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 64, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 24.787, 5.383 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(117, 64, 77) }
```

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

```
.border{ border-color:rgb(117, 64, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 64, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 64, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 64, 77);  
box-shadow:4px 4px 4px 4px rgb(117, 64,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 24.787, 5.383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 64, 77) }
```

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

```
.background{ background-color: rgb(117, 64,  
77) }
```

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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