

Converting Colors

CIELCh(34, 24.429, 338.485)

Have a look what the booklet for
CIELCh(34, 24.429, 338.485)
contains.

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Color

CIELCh(34, 24.429, 338.485)

Conversions

Conversions Part 1

Format	Color
Hex	6D435F
RGB	109, 67, 95
RGB Percent	43%, 26%, 37%
CMY	0.5743, 0.7388, 0.6291
CMYK	0.00, 0.39, 0.13, 0.57
HSL	320°, 24%, 34%
HSV	320°, 39%, 43%
XYZ	10.2824, 8.0082, 11.7305
YIQ	82.7500, 16.0440, 17.6120

Conversions

Conversions Part 2

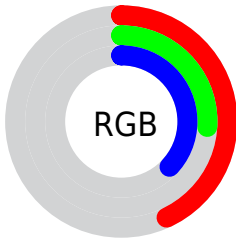
Format	Color
R_{YB}	109, 67, 95
Decimal	7160671
CIE _{Lab}	34.00, 22.73, -8.96
CIE _{LCh}	34, 24.429, 338.485
Yxy	8.0082, 0.3425, 0.2668
Android (android.graphics.Color)	4285350751 (0xFF6D435F)
YUV	82.7500, 6.0393, 23.0212
Hunter-Lab	28.2988, 15.3353, -4.7679

Details

The CIELCh color $[34, 24.429, 338.485]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[42, 24.065, 152.483]$, and the grayscale version is $[35, 0.005, 296.813]$.

A 20% lighter version of the original color is $[54, 24.089, 338.725]$, and $[14, 24.442, 338.146]$ is the 20% darker color. If you saturate the color by 10%, you get $[31, 30.431, 339.370]$, and if you desaturate by 10%, it is $[37, 18.156, 337.673]$.

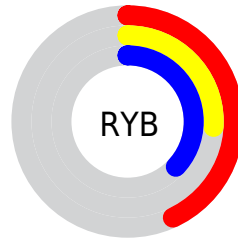
Distribution



Red (43%)

Green (26%)

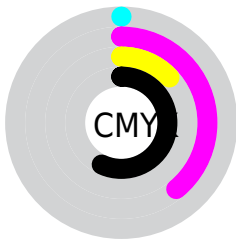
Blue (37%)



Red (43%)

Yellow (26%)

Blue (37%)

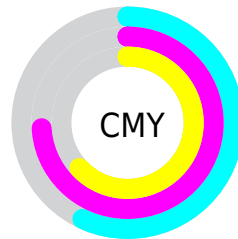


Cyan (0%)

Magenta (39%)

Yellow (13%)

Black (57%)



Cyan (57%)

Magenta (74%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 24.429, 338.485 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, 24.429, 338.485 by changing the saturation by 10% instead.


 34, 24.429,
338.485

 34, 24.429,
338.485

 100, 24.429,
338.485

 24, 24.429,
338.485

 54, 24.429,
338.485

 14, 24.429,
338.485

 64, 24.429,
338.485

 4, 24.429, 338.485

 74, 24.429,
338.485

 0, 24.429, 338.485

 84, 24.429,
338.485

 94, 24.429,
338.485

■ 34, 24.429,
338.485

■ 34, 24.429,
338.485

■ 31, 30.431,
339.370

■ 37, 18.156,
337.673

■ 29, 35.945,
340.349

■ 40, 11.785,
336.915

■ 27, 40.702,
341.455

■ 43, 5.431, 336.191

■ 25, 44.421,
342.738

■ 46, 0.830, 155.843

■ 50, 6.950, 154.987

■ 24, 46.877,
344.263

■ 53, 12.905,
154.390

■ 23, 48.465,
345.967

■ 56, 18.685,
153.836

■ 23, 48.691,
346.190

■ 60, 24.288,
153.316

■ 63, 29.719,
152.828

Harmonies

Complementary

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



34, 24.429, 338.485



42, 24.065, 152.483

Rectangle

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



34, 24.429, 338.485



34, 24.429, 28.485



34, 24.429, 158.485



34, 24.429, 208.485

Sweetspot

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



34, 24.427, 338.486



54, 9.316, 336.455



31, 27.238, 304.924



27, 6.231, 336.519



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



34, 24.427, 338.486



41, 35.570, 339.238



33, 19.519, 8.863



21, 3.487, 336.212



25, 51.363, 346.398



54, 87.409, 347.862

Inverse Universe

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



34, 24.427, 338.486



41, 35.570, 339.238



43, 16.585, 181.140



21, 3.487, 336.212



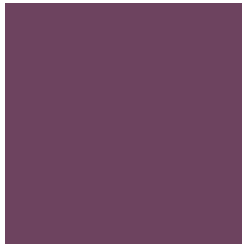
25, 51.363, 346.398



54, 87.409, 347.862

Previews

White Background



This preview shows how the CIE LCh color 34, 24.429, 338.485 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, 24.429, 338.485 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, 24.429, 338.485

Background



This preview shows how black text looks on a background with the CIELCh color 34, 24.429, 338.485.



This preview shows how white text looks on a background with the CIELCh color 34, 24.429, 338.485.

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, 24.429, 338.485

Protanopia

34, 15.738, 285.985

Deuteranopia

34, 8.974, 302.146



Tritanopia
34, 16.623, 9.412

Trichromacy



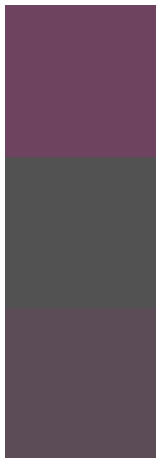
Original Color
34, 24.429, 338.485

Protanomaly
34, 17.821, 309.641

Deuteranomaly
34, 14.106, 323.988

Tritanomaly
34, 18.649, 355.052

Monochromacy



Original Color
34, 24.429, 338.485

Achromatopsia
35, 0.005, 296.813

Achromatomaly
34, 9.716, 335.909

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 24.429, 338.485 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(109, 67, 95)` looks like.

```
.text, #text, p{  
    color:rgb(109, 67, 95)  
}
```

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(109, 67, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 67, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 24.429, 338.485 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(109, 67, 95) }
```

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

```
.border{ border-color:rgb(109, 67, 95) }
```

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

Here you see how a box with a 4 pixel rgb(109, 67, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 67, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 67, 95);  
box-shadow:4px 4px 4px 4px rgb(109, 67,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 24.429, 338.485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 67, 95) }
```

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

```
.background{ background-color: rgb(109, 67,  
95) }
```

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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