

Converting Colors

CIELCh(34, 24.075, 340.965)

Have a look what the booklet for
CIELCh(34, 24.075, 340.965)
contains.

CIELCh(34, 24.369, 340.415)	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, 24.369, 340.415)

Conversions

Conversions Part 1

Format	Color
Hex	6D425D
RGB	109, 66, 93
RGB Percent	43%, 26%, 36%
CMY	0.5711, 0.7398, 0.6339
CMYK	0.00, 0.39, 0.15, 0.57
HSL	322°, 24%, 34%
HSV	322°, 39%, 43%
XYZ	10.3125, 8.0082, 11.4406
YIQ	81.9350, 16.9610, 17.5130

Conversions

Conversions Part 2

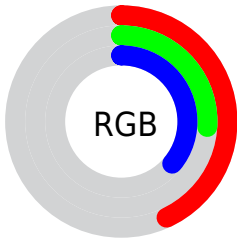
Format	Color
RYB	109, 66, 93
Decimal	7160413
CIELab	34.00, 22.96, -8.17
CIElCh	34, 24.369, 340.415
Yxy	8.0082, 0.3465, 0.2691
Android (android.graphics.Color)	4285350493 (0xFF6D425D)
YUV	81.9350, 5.4550, 23.7360
Hunter-Lab	28.2988, 15.5252, -4.1605

Details

The CIELCh color $[34, 24.369, 340.415]$ is a dark color, and the websafe version is hex `663366`. A complement of this color would be $[42, 23.879, 154.030]$, and the grayscale version is $[35, 0.005, 296.813]$.

A 20% lighter version of the original color is $[54, 24.043, 340.483]$, and $[14, 24.295, 340.445]$ is the 20% darker color. If you saturate the color by 10%, you get $[31, 30.253, 341.384]$, and if you desaturate by 10%, it is $[37, 18.216, 339.539]$.

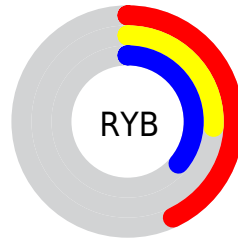
Distribution



Red (43%)

Green (26%)

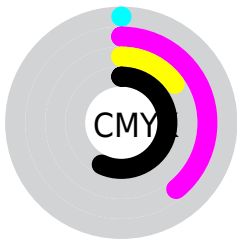
Blue (36%)



Red (43%)

Yellow (26%)

Blue (36%)

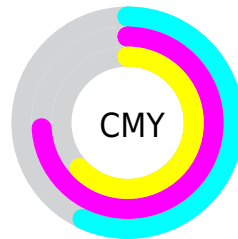


Cyan (0%)

Magenta (39%)

Yellow (15%)

Black (57%)



Cyan (57%)


Magenta (74%)


Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 24.369, 340.415 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, 24.369, 340.415 by changing the saturation by 10% instead.


 34, 24.369,
340.415

 34, 24.369,
340.415

 100, 24.369,
340.415


 24, 24.369,
340.415

 54, 24.369,
340.415


 14, 24.369,
340.415


 64, 24.369,
340.415

 4, 24.369, 340.415

 74, 24.369,
340.415

 0, 24.369, 340.415

 84, 24.369,
340.415

 94, 24.369,
340.415

■ 34, 24.369,
340.415

■ 34, 24.369,
340.415

■ 31, 30.253,
341.384

■ 37, 18.216,
339.539

■ 29, 35.647,
342.475

■ 40, 11.966,
338.732

■ 27, 40.282,
343.731

■ 43, 5.737, 337.970

■ 25, 43.879,
345.216

■ 46, 0.396, 157.910

■ 50, 6.388, 156.715

■ 24, 46.218,
347.011

■ 53, 12.214,
156.095

■ 23, 47.787,
349.011

■ 56, 17.864,
155.524

■ 23, 47.899,
349.140

■ 60, 23.338,
154.990

■ 63, 28.642,
154.489

Harmonies

Complementary

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



34, 24.369, 340.415



42, 23.879, 154.030

Rectangle

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



34, 24.369, 340.415



34, 24.369, 30.415



34, 24.369, 160.415



34, 24.369, 210.415

Sweetspot

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



34, 24.367, 340.416



54, 9.196, 338.196



31, 28.043, 306.597



27, 6.062, 338.262



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, 24.367, 340.416



42, 35.918, 341.277



33, 19.943, 12.784



21, 3.391, 337.940



25, 50.271, 349.362



54, 85.573, 351.099

Inverse Universe

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



34, 24.367, 340.416



42, 35.918, 341.277



43, 16.458, 185.303



21, 3.391, 337.940



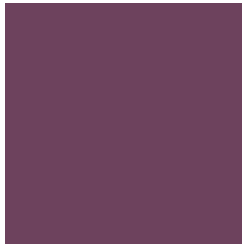
25, 50.271, 349.362



54, 85.573, 351.099

Previews

White Background



This preview shows how the CIE LCh color 34, 24.369, 340.415 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, 24.369, 340.415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

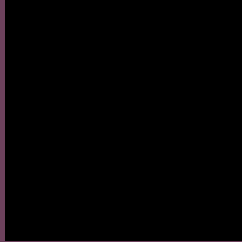
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 24.369, 340.415

Background



This preview shows how black text looks on a background with the CIELCh color 34, 24.369, 340.415.



This preview shows how white text looks on a background with the CIELCh color 34, 24.369, 340.415.

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, 24.369, 340.415

Protanopia

34, 13.855, 284.604

Deuteranopia

34, 8.452, 305.633



Tritanopia
34, 17.030, 11.915

Trichromacy



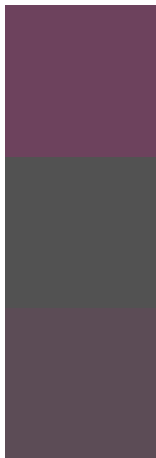
Original Color
34, 24.369, 340.415

Protanomaly
34, 15.897, 310.138

Deuteranomaly
34, 13.823, 326.936

Tritanomaly
34, 18.835, 357.528

Monochromacy



Original Color
34, 24.369, 340.415

Achromatopsia
35, 0.005, 296.813

Achromatomaly
34, 9.300, 338.678

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 24.369, 340.415 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, 66, 93)` looks like.

```
.text, #text, p{  
    color:rgb(109, 66, 93)  
}
```

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, 66, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 66, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 24.369, 340.415 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, 66, 93) }
```

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

```
.border{ border-color:rgb(109, 66, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 66, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 66, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 66, 93);  
box-shadow:4px 4px 4px 4px rgb(109, 66,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 24.369, 340.415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 66, 93) }
```

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

```
.background{ background-color: rgb(109, 66,  
93) }
```

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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