

Converting Colors

CIELCh(34, 32.498, 325.859)

Have a look what the booklet for
CIELCh(34, 32.498, 325.859)
contains.

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Color

CIELCh(34, 32.540, 325.874)

Conversions

Conversions Part 1

Format	Color
Hex	6C406D
RGB	108, 64, 109
RGB Percent	42%, 25%, 43%
CMY	0.5754, 0.7481, 0.5715
CMYK	0.01, 0.41, 0.00, 0.57
HSL	299°, 26%, 34%
HSV	299°, 41%, 43%
XYZ	10.8372, 8.0082, 15.5149
YIQ	82.2860, 11.7790, 23.3230

Conversions

Conversions Part 2

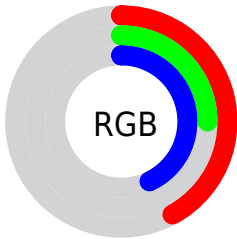
Format	Color
R_{YB}	108, 64, 109
Decimal	7094381
CIE Lab	34.00, 26.94, -18.26
CIE LCh	34, 32.540, 325.874
Yxy	8.0082, 0.3154, 0.2331
Android (android.graphics.Color)	4285284461 (0xFF6C406D)
YUV	82.2860, 13.1700, 22.5512
Hunter-Lab	28.2988, 18.8347, -12.6968

Details

The CIELCh color $34, 32.540, 325.874$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $42, 32.543, 141.025$, and the grayscale version is $35, 0.005, 296.813$.

A 20% lighter version of the original color is $54, 32.582, 325.429$, and $14, 32.569, 326.031$ is the 20% darker color. If you saturate the color by 10%, you get $32, 39.853, 326.305$, and if you desaturate by 10%, it is $37, 24.807, 325.404$.

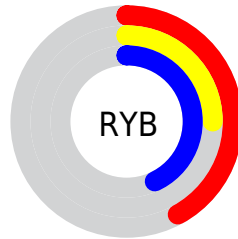
Distribution



Red (42%)

Green (25%)

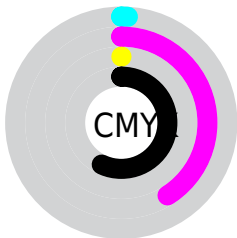
Blue (43%)



Red (42%)

Yellow (25%)

Blue (43%)

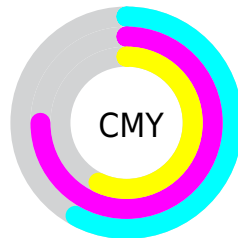


Cyan (1%)

Magenta (41%)

Yellow (0%)

Black (57%)



Cyan (58%)


Magenta (75%)


Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 32.540, 325.874 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, 32.540, 325.874 by changing the saturation by 10% instead.


 34, 32.540,
325.874

 34, 32.540,
325.874

 100, 32.540,
325.874


 24, 32.540,
325.874

 54, 32.540,
325.874

 14, 32.540,
325.874


 64, 32.540,
325.874

 4, 32.540, 325.874

 74, 32.540,
325.874

 0, 32.540, 325.874

 84, 32.540,
325.874

 94, 32.540,
325.874

■ 34, 32.540,
325.874

■ 34, 32.540,
325.874

■ 32, 39.853,
326.305

■ 37, 24.807,
325.404

■ 29, 46.497,
326.680

■ 40, 16.868,
324.909

■ 27, 52.190,
326.983

■ 43, 8.878, 324.398

■ 26, 56.672,
327.201

■ 46, 0.948, 323.743

■ 25, 59.767,
327.325

■ 49, 6.847, 143.444

■ 24, 61.961,
327.401

■ 52, 14.463,
142.953

■ 55, 21.873,
142.490

■ 59, 29.065,
142.052

■ 62, 36.037,
141.638

Harmonies

Complementary

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



34, 32.540, 325.874



42, 32.543, 141.025

Rectangle

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



34, 32.540, 325.874



34, 32.540, 15.874



34, 32.540, 145.874



34, 32.540, 195.874

Sweetspot

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



34, 32.539, 325.874



55, 11.857, 324.457



30, 27.911, 294.109



27, 7.813, 324.502



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, 32.539, 325.874



42, 47.585, 326.270



33, 24.018, 345.578



21, 4.377, 324.280



26, 65.175, 327.394



57, 112.160, 327.345

Inverse Universe

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



33, 21.194, 21.502



40, 32.218, 23.053



42, 23.115, 158.148



21, 2.546, 18.056



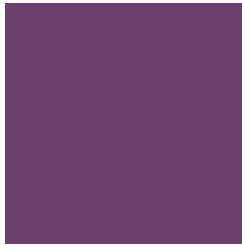
23, 56.369, 36.709



51, 100.507, 39.362

Previews

White Background



This preview shows how the CIELCh color 34, 32.540, 325.874 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, 32.540, 325.874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

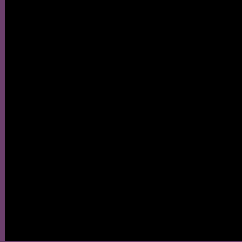
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 32.540, 325.874

Background



This preview shows how black text looks on a background with the CIELCh color 34, 32.540, 325.874.



This preview shows how white text looks on a background with the CIELCh color 34, 32.540, 325.874.

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, 32.540, 325.874

Protanopia

34, 26.454, 285.191

Deuteranopia

34, 17.593, 287.104



Tritanopia
34, 15.250, 7.939

Trichromacy



Original Color
34, 32.540, 325.874

Protanomaly
34, 27.196, 299.807

Deuteranomaly
34, 21.934, 305.600

Tritanomaly
34, 19.966, 344.492

Monochromacy



Original Color
34, 32.540, 325.874

Achromatopsia
35, 0.005, 296.813

Achromatomaly
34, 12.590, 323.709

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 32.540, 325.874 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(108, 64, 109)` looks like.

```
.text, #text, p{  
    color:rgb(108, 64, 109)  
}
```

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(108, 64, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 64, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 32.540, 325.874 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(108, 64, 109) }
```

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

```
.border{ border-color:rgb(108, 64, 109) }
```

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

Here you see how a box with a 4 pixel rgb(108, 64, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 64, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 64, 109);  
box-shadow:4px 4px 4px 4px rgb(108, 64,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 32.540, 325.874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 64, 109) }
```

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

```
.background{ background-color: rgb(108, 64,  
109) }
```

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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