

Converting Colors

CIELCh(34, 25.202, 105.396)

Have a look what the booklet for
CIELCh(34, 25.202, 105.396)
contains.

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Color

CIELCh(34, 25.438, 105.738)

Conversions

Conversions Part 1

Format	Color
Hex	525228
RGB	82, 82, 40
RGB Percent	32%, 32%, 16%
CMY	0.6779, 0.6779, 0.8426
CMYK	0.00, 0.00, 0.51, 0.68
HSL	60°, 34%, 24%
HSV	60°, 51%, 32%
XYZ	6.9037, 8.0082, 3.2004
YIQ	77.2120, 13.4820, -13.0620

Conversions

Conversions Part 2

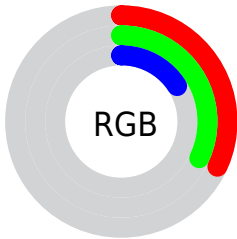
Format	Color
RYB	40, 82, 40
Decimal	5394984
CIELab	34.00, -6.90, 24.48
CIELCh	34, 25.438, 105.738
Yxy	8.0082, 0.3812, 0.4421
Android (android.graphics.Color)	4283585064 (0xFF525228)
YUV	77.2120, -18.3455, 4.1991
Hunter-Lab	28.2988, -5.9767, 13.1039

Details

The CIELCh color **34, 25.438, 105.738** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **18, 28.863, 296.792**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 25.508, 105.001**, and **14, 21.124, 105.658** is the 20% darker color. If you saturate the color by 10%, you get **34, 29.903, 104.966**, and if you desaturate by 10%, it is **34, 20.701, 106.571**.

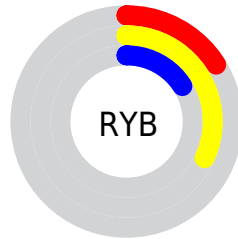
Distribution



Red (32%)

Green (32%)

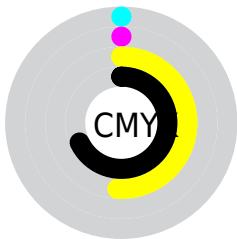
Blue (16%)



Red (16%)

Yellow (32%)

Blue (16%)

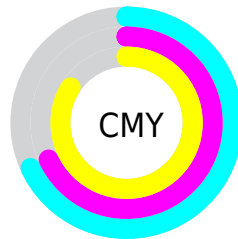


Cyan (0%)

Magenta (0%)

Yellow (51%)

Black (68%)



Cyan (68%)


Magenta (68%)

Yellow (84%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 25.438, 105.738 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, 25.438, 105.738 by changing the saturation by 10% instead.

 34, 25.438,
105.738


 34, 25.438,
105.738

 100, 25.438,
105.738


 24, 25.438,
105.738

 54, 25.438,
105.738


 14, 25.438,
105.738

 64, 25.438,
105.738

 4, 25.438, 105.738

 74, 25.438,
105.738

 0, 25.438, 105.738

 84, 25.438,
105.738

 94, 25.438,
105.738

■ 34, 25.438,
105.738

■ 34, 25.438,
105.738

■ 34, 29.903,
104.966

■ 34, 20.701,
106.571

■ 34, 33.952,
104.273

■ 34, 15.789,
107.435

■ 34, 37.403,
103.693

■ 34, 10.771,
108.315

■ 34, 40.121,
103.244

■ 35, 5.692, 109.196

■ 34, 42.552,
102.849

■ 35, 0.583, 110.019

■ 35, 4.537, 290.942

■ 35, 9.653, 291.772

■ 36, 14.755,
292.577

■ 36, 19.835,

293.350

Harmonies

Complementary

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



34, 25.438, 105.738



18, 28.863, 296.792

Rectangle

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



34, 25.438, 105.738



34, 25.438, 155.738



34, 25.438, 285.738



34, 25.438, 335.738

Sweetspot

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



34, 25.439, 105.741



45, 9.529, 108.811



22, 21.306, 23.253



22, 6.423, 108.708



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



34, 25.439, 105.741



44, 36.987, 104.820



32, 27.354, 126.302



16, 2.839, 109.408



43, 50.317, 102.849



89, 90.235, 102.849

Inverse Universe

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



18, 28.863, 296.792



21, 43.789, 299.068



20, 29.377, 310.908



15, 2.893, 290.989



9, 69.478, 306.286



29, 124.601, 306.287

Previews

White Background



This preview shows how the CIELCh color 34, 25.438, 105.738 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, 25.438, 105.738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

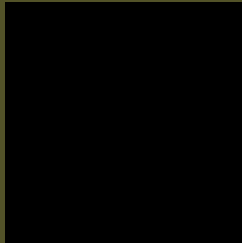
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

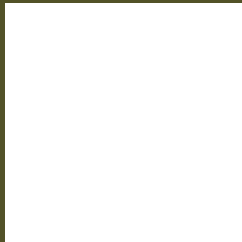
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 34, 25.438, 105.738

Background



This preview shows how black text looks on a background with the CIELCh color 34, 25.438, 105.738.



This preview shows how white text looks on a background with the CIELCh color 34, 25.438, 105.738.

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, 25.438, 105.738

Protanopia

34, 25.306, 96.649

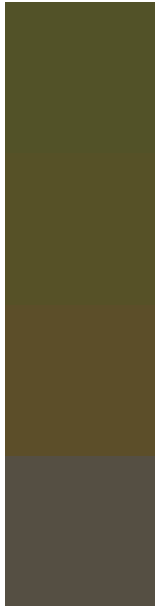
Deuteranopia

34, 24.044, 78.865



Tritanopia
34, 5.741, 339.398

Trichromacy



Original Color
34, 25.438, 105.738

Protanomaly
34, 25.613, 100.112

Deuteranomaly
34, 23.900, 88.983

Tritanomaly
34, 7.989, 88.665

Monochromacy



Original Color
34, 25.438, 105.738

Achromatopsia
33, 0.005, 296.813

Achromatomaly
33, 9.371, 108.517

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 25.438, 105.738 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(82, 82, 40)` looks like.

```
.text, #text, p{  
    color:rgb(82, 82, 40)  
}
```

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(82, 82, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 82, 40) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 25.438, 105.738 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(82, 82, 40) }
```

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

```
.border{ border-color:rgb(82, 82, 40) }
```

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

Here you see how a box with a 4 pixel rgb(82, 82, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 82, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 82, 40);  
box-shadow:4px 4px 4px 4px rgb(82, 82, 40)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 25.438, 105.738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 82, 40) }
```

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

```
.background{ background-color: rgb(82, 82,  
40) }
```

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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