

Converting Colors

CIELCh(34, 24.777, 106.695)

Have a look what the booklet for
CIELCh(34, 24.777, 106.695)
contains.

CIELCh(34, 24.874, 105.837)	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, 24.874, 105.837)

Conversions

Conversions Part 1

Format	Color
Hex	525229
RGB	82, 82, 41
RGB Percent	32%, 32%, 16%
CMY	0.6780, 0.6780, 0.8389
CMYK	0.00, 0.00, 0.50, 0.68
HSL	60°, 33%, 24%
HSV	60°, 50%, 32%
XYZ	6.9148, 8.0082, 3.2874
YIQ	77.3260, 13.1610, -12.7510

Conversions

Conversions Part 2

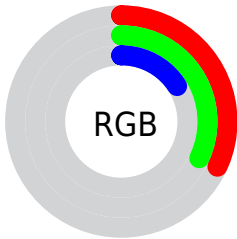
Format	Color
R_{YB}	41, 82, 41
Decimal	5394985
CIE Lab	34.00, -6.79, 23.93
CIE LCh	34, 24.874, 105.837
Yxy	8.0082, 0.3797, 0.4398
Android (android.graphics.Color)	4283585065 (0xFF525229)
YUV	77.3260, -17.9087, 4.0991
Hunter-Lab	28.2988, -5.9067, 12.9216

Details

The CIELCh color **34, 24.874, 105.837** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **19, 28.113, 296.579**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 24.944, 106.045**, and **14, 21.124, 105.658** is the 20% darker color. If you saturate the color by 10%, you get **34, 29.377, 105.057**, and if you desaturate by 10%, it is **34, 20.113, 106.675**.

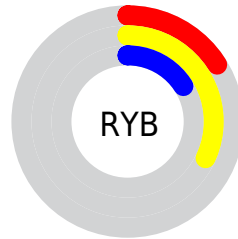
Distribution



Red (32%)

Green (32%)

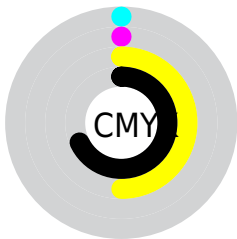
Blue (16%)



Red (16%)

Yellow (32%)

Blue (16%)

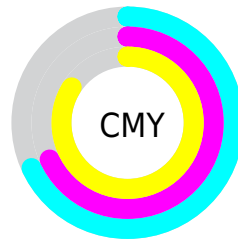


Cyan (0%)

Magenta (0%)

Yellow (50%)

Black (68%)



Cyan (68%)


Magenta (68%)


Yellow (84%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 24.874, 105.837 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, 24.874, 105.837 by changing the saturation by 10% instead.


 34, 24.874,
105.837


 34, 24.874,
105.837

 100, 24.874,
105.837


 24, 24.874,
105.837

 54, 24.874,
105.837

 14, 24.874,
105.837


 64, 24.874,
105.837

 4, 24.874, 105.837

 74, 24.874,
105.837

 0, 24.874, 105.837

 84, 24.874,
105.837

 94, 24.874,
105.837

■ 34, 24.874,
105.837

■ 34, 24.874,
105.837

■ 34, 29.377,
105.057

■ 34, 20.113,
106.675

■ 34, 33.484,
104.353

■ 34, 15.187,
107.542

■ 34, 37.016,
103.758

■ 34, 10.161,
108.423

■ 34, 39.799,
103.297

■ 35, 5.079, 109.302

■ 35, 0.031, 291.267

■ 34, 42.525,
102.854

■ 35, 5.150, 291.044

■ 34, 42.540,
102.851

■ 35, 10.263,
291.872

■ 36, 15.361,
292.673

■ 36, 20.436,
293.441

Harmonies

Complementary

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



34, 24.874, 105.837



19, 28.113, 296.579

Rectangle

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



34, 24.874, 105.837



34, 24.874, 155.837



34, 24.874, 285.837



34, 24.874, 335.837

Sweetspot

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



34, 24.875, 105.840



45, 9.529, 108.812



22, 20.733, 23.044



22, 6.423, 108.709



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, 24.875, 105.840



44, 36.462, 104.897



32, 26.736, 126.348



16, 2.839, 109.410



43, 50.318, 102.851



89, 90.237, 102.851

Inverse Universe

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



19, 28.113, 296.579



21, 43.001, 298.865



21, 28.659, 310.847



15, 2.893, 290.991



9, 69.481, 306.287



29, 124.602, 306.287

Previews

White Background



This preview shows how the CIELCh color 34, 24.874, 105.837 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, 24.874, 105.837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

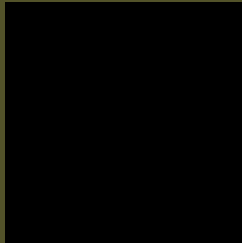
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 24.874, 105.837

Background



This preview shows how black text looks on a background with the CIELCh color 34, 24.874, 105.837.



This preview shows how white text looks on a background with the CIELCh color 34, 24.874, 105.837.

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, 24.874, 105.837

Protanopia

34, 24.743, 96.560

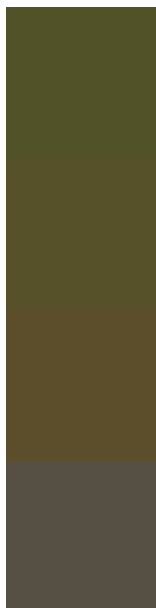
Deuteranopia

34, 23.506, 78.359



Tritanopia
34, 5.741, 339.398

Trichromacy



Original Color
34, 24.874, 105.837

Protanomaly
34, 25.051, 100.098

Deuteranomaly
34, 23.338, 88.704

Tritanomaly
34, 7.402, 87.185

Monochromacy



Original Color
34, 24.874, 105.837

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, 24.874, 105.837 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, 41)` looks like.

```
.text, #text, p{  
    color:rgb(82, 82, 41)  
}
```

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, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 82, 41) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 24.874, 105.837 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, 41) }
```

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

```
.border{ border-color:rgb(82, 82, 41) }
```

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, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 82, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 82, 41);  
box-shadow:4px 4px 4px 4px rgb(82, 82, 41)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 24.874, 105.837 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, 41) }
```

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

```
.background{ background-color: rgb(82, 82,  
41) }
```

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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