

Converting Colors

CIELCh(34, 21.751, 131.709)

Have a look what the booklet for
CIELCh(34, 21.751, 131.709)
contains.

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Color

CIELCh(34, 21.711, 131.727)

Conversions

Conversions Part 1

Format	Color
Hex	425636
RGB	66, 86, 54
RGB Percent	26%, 34%, 21%
CMY	0.7425, 0.6641, 0.7895
CMYK	0.23, 0.00, 0.37, 0.66
HSL	98°, 23%, 27%
HSV	98°, 37%, 34%
XYZ	6.1809, 8.0082, 4.6690
YIQ	76.3720, -1.6480, -14.1920

Conversions

Conversions Part 2

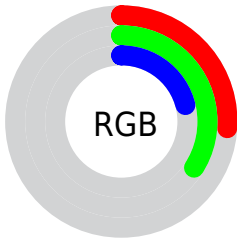
Format	Color
R_{YB}	54, 86, 74
Decimal	4347446
CIE Lab	34.00, -14.45, 16.20
CIE LCh	34, 21.711, 131.727
Yxy	8.0082, 0.3278, 0.4247
Android (android.graphics.Color)	4282537526 (0xFF425636)
YUV	76.3720, -11.0294, -9.0962
Hunter-Lab	28.2988, -10.5359, 10.0268

Details

The CIELCh color **34, 21.711, 131.727** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **26, 22.460, 314.814**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 21.795, 131.370**, and **14, 22.144, 131.871** is the 20% darker color. If you saturate the color by 10%, you get **33, 27.362, 131.264**, and if you desaturate by 10%, it is **35, 15.935, 132.192**.

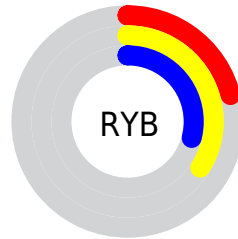
Distribution



Red (26%)

Green (34%)

Blue (21%)



Red (21%)

Yellow (34%)

Blue (29%)

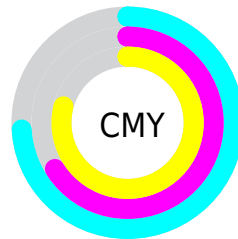


Cyan (23%)

Magenta (0%)

Yellow (37%)

Black (66%)



Cyan (74%)

Magenta (66%)

Yellow (79%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 21.711, 131.727 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, 21.711, 131.727 by changing the saturation by 10% instead.


 34, 21.711,
131.727


 34, 21.711,
131.727


 100, 21.711,
131.727


 24, 21.711,
131.727

 54, 21.711,
131.727

 14, 21.711,
131.727


 64, 21.711,
131.727

 4, 21.711, 131.727

 74, 21.711,
131.727

 0, 21.711, 131.727

 84, 21.711,
131.727

 94, 21.711,
131.727

■ 34, 21.711,
131.727

■ 34, 21.711,
131.727

■ 33, 27.362,
131.264

■ 35, 15.935,
132.192

■ 33, 32.789,
130.833

■ 35, 10.101,
132.637

■ 33, 37.859,
130.486

■ 36, 4.261, 133.059

■ 32, 42.400,
130.300

■ 37, 1.546, 313.359

■ 37, 7.294, 313.742

■ 32, 46.201,
130.371

■ 38, 12.963,
314.050

■ 32, 49.565,
130.448

■ 39, 18.539,
314.321

■ 32, 50.501,
130.389

■ 40, 24.014,
314.560

■ 41, 29.381,
314.770

Harmonies

Complementary

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



34, 21.711, 131.727



26, 22.460, 314.814

Rectangle

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



34, 21.711, 131.727



34, 21.711, 181.727



34, 21.711, 311.727



34, 21.711, 1.727

Sweetspot

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



34, 21.712, 131.728



46, 7.995, 132.890



32, 13.836, 82.420



23, 5.315, 132.860



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



34, 21.712, 131.728



44, 32.524, 131.300



33, 22.499, 145.202



17, 3.285, 132.998



40, 59.313, 130.833



83, 106.607, 131.806

Inverse Universe

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



26, 22.460, 314.814



32, 33.936, 315.186



27, 22.514, 329.807



16, 3.315, 313.635



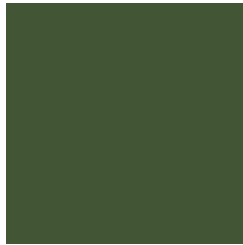
17, 63.939, 315.641



41, 114.216, 314.951

Previews

White Background



This preview shows how the CIELCh color 34, 21.711, 131.727 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, 21.711, 131.727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

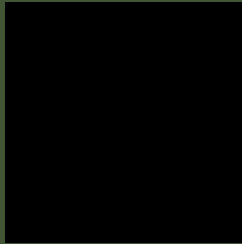
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 21.711, 131.727

Background



This preview shows how black text looks on a background with the CIELCh color 34, 21.711, 131.727.

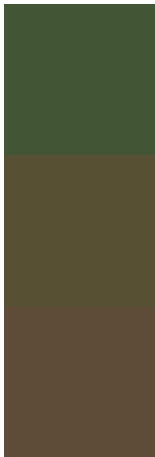


This preview shows how white text looks on a background with the CIELCh color 34, 21.711, 131.727.

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](#).

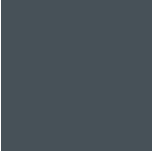
Dichromacy



Original Color
34, 21.711, 131.727

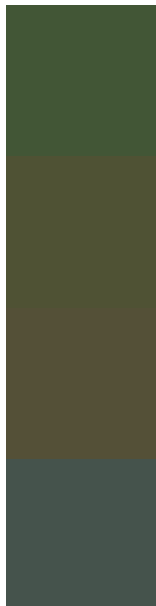
Protanopia
34, 18.258, 96.279

Deuteranopia
34, 15.688, 71.969



Tritanopia
34, 5.882, 247.557

Trichromacy



Original Color
34, 21.711, 131.727

Protanomaly
34, 18.515, 111.395

Deuteranomaly
34, 15.618, 100.410

Tritanomaly
34, 7.461, 162.355

Monochromacy



Original Color
34, 21.711, 131.727

Achromatopsia
32, 0.005, 296.813

Achromatomaly
33, 8.349, 134.090

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 21.711, 131.727 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(66, 86, 54)` looks like.

```
.text, #text, p{  
    color:rgb(66, 86, 54)  
}
```

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(66, 86, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 86, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 21.711, 131.727 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(66, 86, 54) }
```

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

```
.border{ border-color:rgb(66, 86, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 86, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 86, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 86, 54);  
box-shadow:4px 4px 4px 4px rgb(66, 86, 54)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 21.711, 131.727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 86, 54) }
```

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

```
.background{ background-color: rgb(66, 86,  
54) }
```

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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