

Converting Colors

CIELCh(34, 12.284, 128.741)

Have a look what the booklet for
CIELCh(34, 12.284, 128.741)
contains.

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Color

CIELCh(34, 11.920, 128.172)

Conversions

Conversions Part 1

Format	Color
Hex	4A5341
RGB	74, 83, 65
RGB Percent	29%, 33%, 25%
CMY	0.7101, 0.6748, 0.7454
CMYK	0.11, 0.00, 0.22, 0.67
HSL	90°, 12%, 29%
HSV	90°, 22%, 33%
XYZ	6.8574, 8.0082, 6.1739
YIQ	78.2570, 0.4140, -7.5060

Conversions

Conversions Part 2

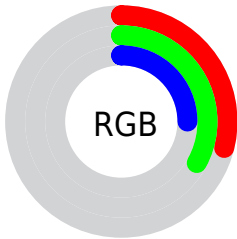
Format	Color
RYB	65, 83, 74
Decimal	4870977
CIELab	34.00, -7.37, 9.37
CIElCh	34, 11.920, 128.172
Yxy	8.0082, 0.3259, 0.3806
Android (android.graphics.Color)	4283061057 (0xFF4A5341)
YUV	78.2570, -6.5357, -3.7334
Hunter-Lab	28.2988, -6.2685, 6.8739

Details

The CIELCh color **34, 11.920, 128.172** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **29, 12.247, 309.994**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 11.522, 127.516**, and **14, 11.962, 127.538** is the 20% darker color. If you saturate the color by 10%, you get **33, 17.383, 127.730**, and if you desaturate by 10%, it is **35, 6.424, 128.608**.

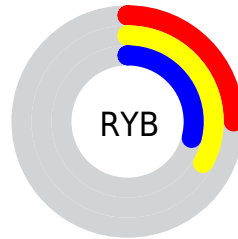
Distribution



Red (29%)

Green (33%)

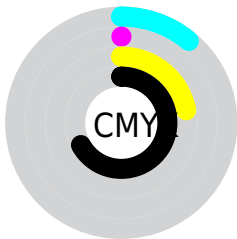
Blue (25%)



Red (25%)

Yellow (33%)

Blue (29%)

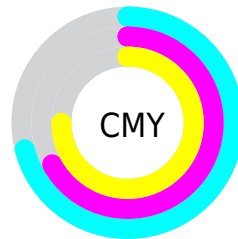


Cyan (11%)

Magenta (0%)

Yellow (22%)

Black (67%)



Cyan (71%)


Magenta (67%)


Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 11.920, 128.172 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, 11.920, 128.172 by changing the saturation by 10% instead.


 34, 11.920,
128.172


 34, 11.920,
128.172

 100, 11.920,
128.172


 24, 11.920,
128.172

 54, 11.920,
128.172


 14, 11.920,
128.172


 64, 11.920,
128.172

 4, 11.920, 128.172

 74, 11.920,
128.172

 0, 11.920, 128.172

 84, 11.920,
128.172

 94, 11.920,
128.172

■ 34, 11.920,
128.172

■ 34, 11.920,
128.172

■ 33, 17.383,
127.730

■ 35, 6.424, 128.608

■ 33, 22.759,
127.289

■ 35, 0.930, 129.072

■ 33, 27.978,
126.879

■ 36, 4.536, 309.369

■ 32, 32.941,
126.540

■ 37, 15.308,
310.044

■ 32, 37.508,
126.336

■ 38, 20.590,
310.333

■ 31, 41.502,
126.348

■ 39, 25.792,
310.594

■ 31, 44.807,
126.621

■ 40, 30.909,
310.828

■ 31, 47.593,

■ 40, 35.938,

126.666

311.038

Harmonies

Complementary

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



34, 11.920, 128.172



29, 12.247, 309.994

Rectangle

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



34, 11.920, 128.172



34, 11.920, 178.172



34, 11.920, 308.172



34, 11.920, 358.172

Sweetspot

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



34, 11.921, 128.174



45, 4.740, 128.799



32, 7.058, 72.962



22, 3.044, 128.791



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, 11.921, 128.174



43, 17.630, 127.945



33, 13.833, 143.179



16, 3.024, 128.736



39, 56.173, 127.172



83, 101.821, 128.286

Inverse Universe

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



29, 12.247, 309.994



36, 18.235, 310.238



30, 13.843, 325.514



15, 3.061, 309.411



14, 64.433, 312.499



37, 116.373, 311.734

Previews

White Background



This preview shows how the CIELCh color 34, 11.920, 128.172 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, 11.920, 128.172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

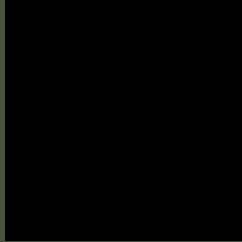
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

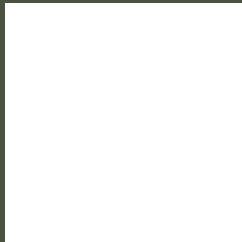
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 34, 11.920, 128.172

Background



This preview shows how black text looks on a background with the CIELCh color 34, 11.920, 128.172.

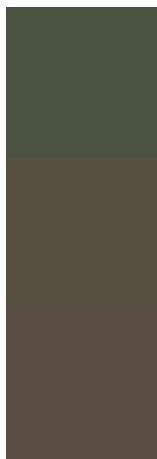


This preview shows how white text looks on a background with the CIELCh color 34, 11.920, 128.172.

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

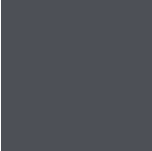
34, 11.920, 128.172

Protanopia

34, 10.839, 95.904

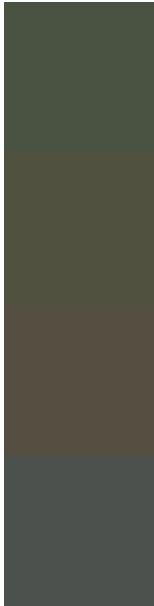
Deuteranopia

34, 9.874, 63.832



Tritanopia
34, 3.942, 272.411

Trichromacy



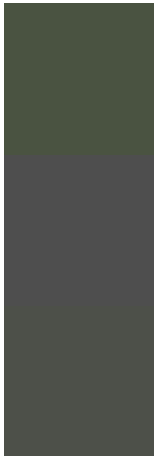
Original Color
34, 11.920, 128.172

Protanomaly
34, 10.568, 108.335

Deuteranomaly
34, 8.580, 89.926

Tritanomaly
34, 2.874, 158.278

Monochromacy



Original Color
34, 11.920, 128.172

Achromatopsia
33, 0.005, 296.813

Achromatomaly
34, 4.586, 126.172

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 11.920, 128.172 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(74, 83, 65)` looks like.

```
.text, #text, p{  
    color:rgb(74, 83, 65)  
}
```

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(74, 83, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 83, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 11.920, 128.172 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(74, 83, 65) }
```

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

```
.border{ border-color:rgb(74, 83, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 83, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 83, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 83, 65);  
box-shadow:4px 4px 4px 4px rgb(74, 83, 65)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 11.920, 128.172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 83, 65) }
```

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

```
.background{ background-color: rgb(74, 83,  
65) }
```

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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