

Converting Colors

CIELCh(30, 15.279, 139.559)

Have a look what the booklet for
CIELCh(30, 15.279, 139.559)
contains.

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Color

CIELCh(30, 14.903, 138.996)

Conversions

Conversions Part 1

Format	Color
Hex	3A4B37
RGB	58, 75, 55
RGB Percent	23%, 29%, 22%
CMY	0.7719, 0.7052, 0.7837
CMYK	0.23, 0.00, 0.27, 0.71
HSL	111°, 15%, 26%
HSV	111°, 27%, 29%
XYZ	4.9746, 6.2359, 4.5754
YIQ	67.6370, -3.7120, -9.8240

Conversions

Conversions Part 2

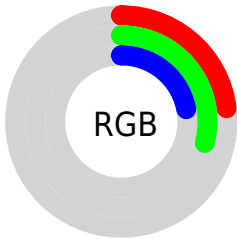
Format	Color
RYB	55, 75, 72
Decimal	3820343
CIELab	30.00, -11.25, 9.78
CIELCh	30, 14.903, 138.996
Yxy	6.2359, 0.3151, 0.3950
Android (android.graphics.Color)	4282010423 (0xFF3A4B37)
YUV	67.6370, -6.2300, -8.4516
Hunter-Lab	24.9718, -8.1421, 6.6170

Details

The CIELCh color **30, 14.903, 138.996** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **26, 15.024, 321.382**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **50, 15.062, 139.800**, and **10, 14.814, 139.406** is the 20% darker color. If you saturate the color by 10%, you get **29, 20.475, 138.396**, and if you desaturate by 10%, it is **31, 9.286, 139.538**.

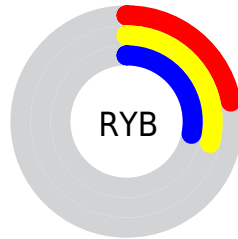
Distribution



Red (23%)

Green (29%)

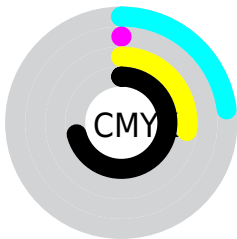
Blue (22%)



Red (22%)

Yellow (29%)

Blue (28%)

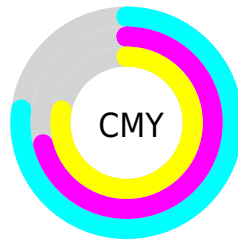


Cyan (23%)

Magenta (0%)

Yellow (27%)

Black (71%)



Cyan (77%)


Magenta (71%)


Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 14.903, 138.996 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 30, 14.903, 138.996 by changing the saturation by 10% instead.


 30, 14.903,
138.996


 30, 14.903,
138.996

 100, 14.903,
138.996


 20, 14.903,
138.996


 50, 14.903,
138.996


 10, 14.903,
138.996

 60, 14.903,
138.996

 0, 14.903, 138.996

 70, 14.903,
138.996

 80, 14.903,
138.996

 90, 14.903,
138.996

■ 30, 14.903,
138.996

■ 30, 14.903,
138.996

■ 29, 20.475,
138.396

■ 31, 9.286, 139.538

■ 29, 25.920,
137.743

■ 31, 3.679, 140.031

■ 32, 1.872, 320.359

■ 28, 31.139,
137.056

■ 33, 7.337, 320.765

■ 28, 36.001,
136.374

■ 34, 12.692,
321.085

■ 28, 40.344,
135.759

■ 35, 17.925,
321.358

■ 27, 43.975,
135.297

■ 36, 23.027,
321.594

■ 27, 47.236,
134.647

■ 37, 27.993,
321.796

■ 27, 48.335,

■ 38, 32.824,

134.337

321.971

Harmonies

Complementary

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



30, 14.903, 138.996



26, 15.024, 321.382

Rectangle

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



30, 14.903, 138.996



30, 14.903, 188.996



30, 14.903, 318.996



30, 14.903, 8.996

Sweetspot

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



30, 14.904, 138.997



40, 5.493, 139.950



30, 10.685, 99.642



20, 3.853, 139.906



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

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



30, 14.904, 138.997



38, 22.101, 138.610



30, 12.294, 153.773



15, 3.151, 139.931



37, 60.045, 134.699



80, 109.493, 135.274

Inverse Universe

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



26, 15.024, 321.382



32, 22.313, 321.651



26, 12.438, 337.423



14, 3.165, 320.619



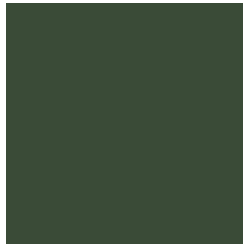
20, 59.635, 322.793



49, 108.051, 322.418

Previews

White Background



This preview shows how the CIELCh color 30, 14.903, 138.996 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 30, 14.903, 138.996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

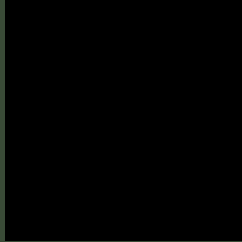
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 14.903, 138.996

Background



This preview shows how black text looks on a background with the CIELCh color 30, 14.903, 138.996.



This preview shows how white text looks on a background with the CIELCh color 30, 14.903, 138.996.

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

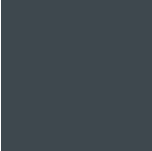
30, 14.903, 138.996

Protanopia

30, 11.083, 95.578

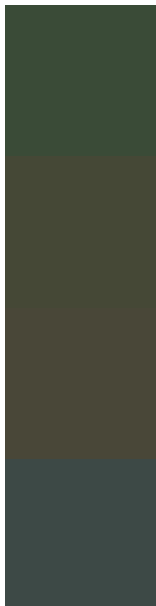
Deuteranopia

30, 9.775, 65.531



Tritanopia
30, 5.547, 243.007

Trichromacy



Original Color

30, 14.903, 138.996

Protanomaly

30, 11.500, 115.089

Deuteranomaly

30, 9.578, 102.699

Tritanomaly

30, 5.527, 178.197

Monochromacy



Original Color

30, 14.903, 138.996

Achromatopsia

29, 0.005, 296.813

Achromatomaly

29, 6.036, 140.518

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 14.903, 138.996 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(58, 75, 55)` looks like.

```
.text, #text, p{  
    color:rgb(58, 75, 55)  
}
```

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(58, 75, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 75, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 14.903, 138.996 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(58, 75, 55) }
```

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

```
.border{ border-color:rgb(58, 75, 55) }
```

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

Here you see how a box with a 4 pixel rgb(58, 75, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 75, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 75, 55);  
box-shadow:4px 4px 4px 4px rgb(58, 75, 55)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 30, 14.903, 138.996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 75, 55) }
```

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

```
.background{ background-color: rgb(58, 75,  
55) }
```

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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