

Converting Colors

CIELCh(30, 19.257, 133.973)

Have a look what the booklet for
CIELCh(30, 19.257, 133.973)
contains.

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Color

CIELCh(30, 19.164, 134.305)

Conversions

Conversions Part 1

Format	Color
Hex	394C31
RGB	57, 76, 49
RGB Percent	22%, 30%, 19%
CMY	0.7770, 0.7025, 0.8084
CMYK	0.25, 0.00, 0.36, 0.70
HSL	102°, 22%, 24%
HSV	102°, 36%, 30%
XYZ	4.8059, 6.2359, 3.8415
YIQ	67.2410, -2.6570, -12.4250

Conversions

Conversions Part 2

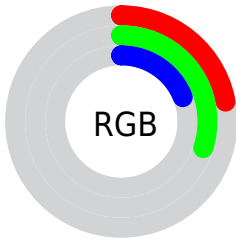
Format	Color
R_{YB}	49, 76, 68
Decimal	3755057
CIE Lab	30.00, -13.39, 13.71
CIE LCh	30, 19.164, 134.305
Yxy	6.2359, 0.3229, 0.4190
Android (android.graphics.Color)	4281945137 (0xFF394C31)
YUV	67.2410, -8.9928, -8.9814
Hunter-Lab	24.9718, -9.3481, 8.3594

Details

The CIELCh color **30, 19.164, 134.305** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **23, 19.621, 317.225**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 19.332, 133.629**, and **10, 19.102, 134.130** is the 20% darker color. If you saturate the color by 10%, you get **29, 24.436, 133.800**, and if you desaturate by 10%, it is **31, 13.795, 134.792**.

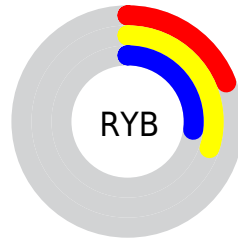
Distribution



 Red (22%)

 Green (30%)

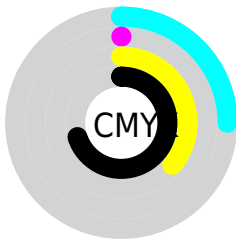
 Blue (19%)




 Red (19%)

 Yellow (30%)

 Blue (27%)

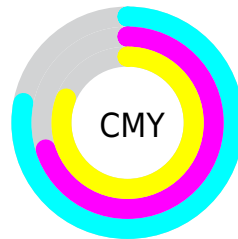


 Cyan (25%)

 Magenta (0%)

 Yellow (36%)

 Black (70%)



 Cyan (78%)


 Magenta (70%)


 Yellow (81%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 19.164, 134.305 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, 19.164, 134.305 by changing the saturation by 10% instead.


 30, 19.164,
134.305


 30, 19.164,
134.305

 100, 19.164,
134.305


 20, 19.164,
134.305


 50, 19.164,
134.305


 10, 19.164,
134.305

 60, 19.164,
134.305

 0, 19.164, 134.305

 70, 19.164,
134.305

 80, 19.164,
134.305

 90, 19.164,
134.305

■ 30, 19.164,
134.305

■ 30, 19.164,
134.305

■ 29, 24.436,
133.800

■ 31, 13.795,
134.792

■ 29, 29.524,
133.299

■ 31, 8.388, 135.246

■ 32, 2.990, 135.675

■ 29, 34.318,
132.844

■ 33, 2.364, 315.974

■ 28, 38.669,
132.500

■ 33, 7.650, 316.327

■ 28, 42.398,
132.352

■ 34, 12.850,
316.620

■ 28, 45.739,
132.162

■ 35, 17.954,
316.875

■ 28, 47.262,
131.941

■ 36, 22.952,
317.098

■ 37, 27.840,

Harmonies

Complementary

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



30, 19.164, 134.305



23, 19.621, 317.225

Rectangle

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



30, 19.164, 134.305



30, 19.164, 184.305



30, 19.164, 314.305



30, 19.164, 4.305

Sweetspot

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



30, 19.165, 134.306



41, 7.399, 135.425



29, 12.727, 89.640



21, 5.014, 135.397



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



30, 19.165, 134.306



39, 28.862, 133.847



30, 18.270, 148.054



15, 3.017, 135.542



37, 58.403, 132.482



80, 106.867, 133.394

Inverse Universe

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



23, 19.621, 317.225



29, 29.718, 317.566



24, 18.347, 332.592



14, 3.039, 316.160



17, 60.885, 317.999



43, 110.584, 317.354

Previews

White Background



This preview shows how the CIELCh color 30, 19.164, 134.305 looks on a white background.

Color Contrast Check

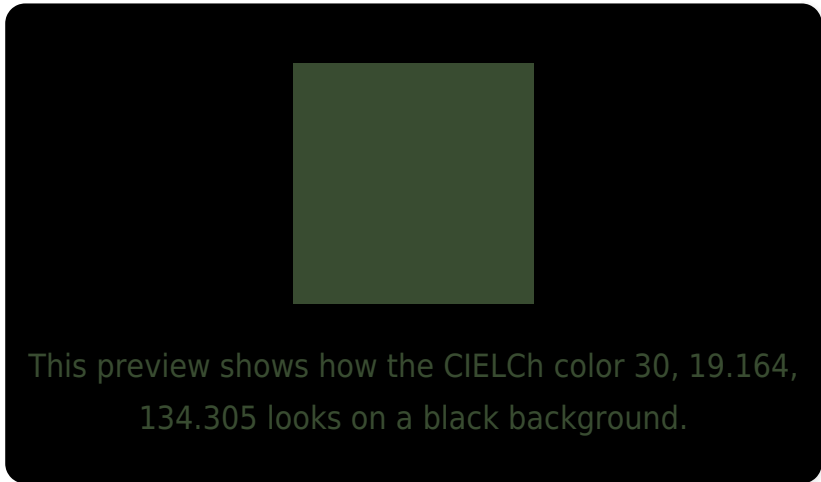
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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, 19.164, 134.305

Background



This preview shows how black text looks on a background with the CIELCh color 30, 19.164, 134.305.

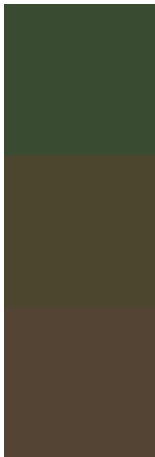


This preview shows how white text looks on a background with the CIELCh color 30, 19.164, 134.305.

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, 19.164, 134.305

Protanopia
30, 14.883, 95.927

Deuteranopia
30, 13.506, 72.495



Tritanopia
30, 5.547, 243.007

Trichromacy



Original Color
30, 19.164, 134.305

Protanomaly
30, 15.211, 112.762

Deuteranomaly
30, 13.379, 101.399

Tritanomaly
30, 6.882, 164.394

Monochromacy



Original Color
30, 19.164, 134.305

Achromatopsia
28, 0.004, 296.813

Achromatomaly
29, 7.182, 135.190

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 19.164, 134.305 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(57, 76, 49)` looks like.

```
.text, #text, p{  
    color:rgb(57, 76, 49)  
}
```

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(57, 76, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 76, 49) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 19.164, 134.305 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(57, 76, 49) }
```

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

```
.border{ border-color:rgb(57, 76, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 76, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 76, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 76, 49);  
box-shadow:4px 4px 4px 4px rgb(57, 76, 49)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 30, 19.164, 134.305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 76, 49) }
```

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

```
.background{ background-color: rgb(57, 76,  
49) }
```

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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