

Converting Colors

CIELCh(11, 11.614, 142.879)

Have a look what the booklet for
CIELCh(11, 11.614, 142.879)
contains.

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Color

CIELCh(11, 11.795, 144.352)

Conversions

Conversions Part 1

Format	Color
Hex	132114
RGB	19, 33, 20
RGB Percent	7%, 13%, 8%
CMY	0.9263, 0.8715, 0.9225
CMYK	0.43, 0.00, 0.40, 0.87
HSL	124°, 27%, 10%
HSV	124°, 43%, 13%
XYZ	0.9261, 1.2610, 0.8453
YIQ	27.3320, -4.1710, -7.0110

Conversions

Conversions Part 2

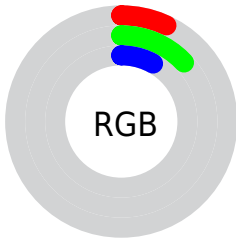
Format	Color
R_{YB}	19, 32, 33
Decimal	1253652
CIE _{Lab}	11.00, -9.58, 6.87
CIE _{LCh}	11, 11.795, 144.352
Yxy	1.2610, 0.3054, 0.4158
Android (android.graphics.Color)	4279443732 (0xFF132114)
YUV	27.3320, -3.6147, -7.3072
Hunter-Lab	11.2295, -4.9299, 3.3973

Details

The CIELCh color **11, 11.795, 144.352** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **8, 11.841, 328.173**, and the grayscale version is **10, 0.003, 296.813**.

A 20% lighter version of the original color is **31, 11.668, 143.345**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **11, 14.323, 144.540**, and if you desaturate by 10%, it is **11, 9.078, 144.710**.

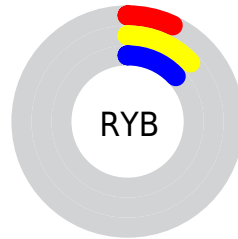
Distribution



Red (7%)

Green (13%)

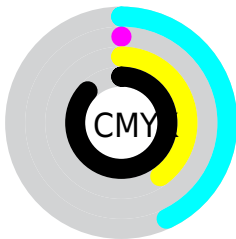
Blue (8%)



Red (7%)

Yellow (13%)

Blue (13%)

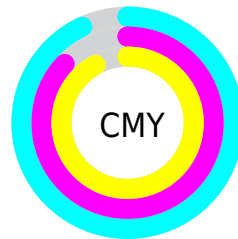


Cyan (43%)

Magenta (0%)

Yellow (40%)

Black (87%)



Cyan (93%)

Magenta (87%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 11, 11.795, 144.352 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 11, 11.795, 144.352 by changing the saturation by 10% instead.

■ 11, 11.795,
144.352

■ 11, 11.795,
144.352

■ 100, 11.795,
144.352

■ 1, 11.795, 144.352

■ 31, 11.795,
144.352

■ 0, 11.795, 144.352

■ 41, 11.795,
144.352


■ 51, 11.795,
144.352


■ 61, 11.795,
144.352


■ 71, 11.795,
144.352


■ 81, 11.795,

144.352


 91, 11.795,
144.352

 11, 11.795,
144.352


 11, 11.795,
144.352

 11, 14.323,
144.540


 11, 9.078, 144.710

 10, 16.563,
144.773


 12, 6.290, 145.295

 10, 18.456,
144.885

 12, 3.501, 145.821

 10, 20.174,
145.112

 13, 2.007, 326.620

 10, 21.874,
145.298

 13, 4.699, 327.003

 14, 7.337, 327.328

■ 10, 23.111,
145.412

■ 14, 9.916, 327.616

■ 15, 12.433,
327.871

Harmonies

Complementary

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



11, 11.795, 144.352



8, 11.841, 328.173

Rectangle

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



11, 11.795, 144.352



11, 11.795, 194.352



11, 11.795, 324.352



11, 11.795, 14.352

Sweetspot

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



11, 11.795, 144.352



17, 4.568, 145.752



12, 9.845, 110.287



7, 2.941, 146.251



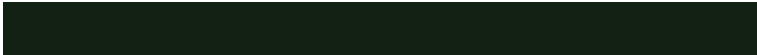
62, 0.008, 296.813



8, 0.002, 296.812

Same Dimension

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



11, 11.795, 144.352



15, 17.859, 143.147



11, 8.108, 164.310



4, 0.914, 146.336



28, 49.470, 137.469



73, 100.933, 136.523

Inverse Universe

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



8, 11.841, 328.173



11, 17.821, 328.687



8, 8.536, 350.673



4, 0.914, 326.399



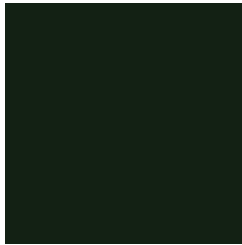
16, 47.036, 330.932



48, 93.322, 331.231

Previews

White Background



This preview shows how the CIELCh color 11, 11.795, 144.352 looks on a white background.

Color Contrast Check

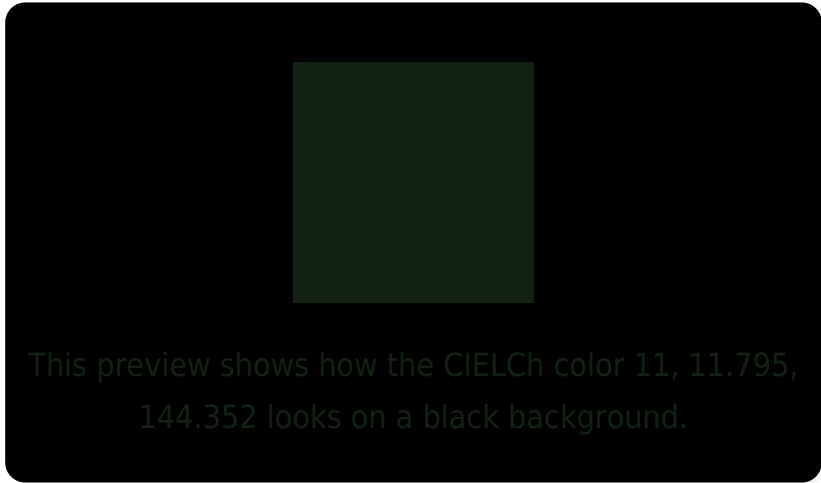
Large Text (above 18pt) WCAG AA ✓ Pass

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

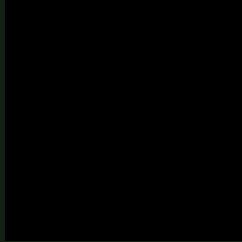
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 11, 11.795, 144.352

Background



This preview shows how black text looks on a background with the CIELCh color 11, 11.795, 144.352.



This preview shows how white text looks on a background with the CIELCh color 11, 11.795, 144.352.

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

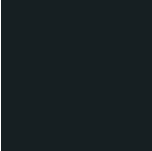
11, 11.795, 144.352

Protanopia

11, 8.491, 100.315

Deuteranopia

11, 6.422, 71.540



Tritanopia
11, 4.582, 227.286

Trichromacy



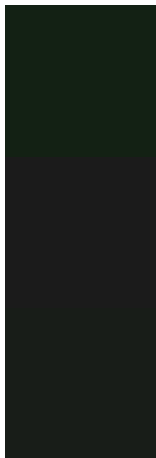
Original Color
11, 11.795, 144.352

Protanomaly
11, 8.794, 121.961

Deuteranomaly
11, 6.520, 112.894

Tritanomaly
11, 5.744, 175.434

Monochromacy



Original Color
11, 11.795, 144.352

Achromatopsia
10, 0.003, 296.813

Achromatomaly
10, 4.508, 143.710

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 11, 11.795, 144.352 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(19, 33, 20)` looks like.

```
.text, #text, p{  
    color:rgb(19, 33, 20)  
}
```

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(19, 33, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 33, 20) }
```

Border

The CSS property to change the border of an element to CIELCh 11, 11.795, 144.352 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(19, 33, 20) }
```

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

```
.border{ border-color:rgb(19, 33, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 33, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 33, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 33, 20);  
box-shadow:4px 4px 4px 4px rgb(19, 33, 20)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 11, 11.795, 144.352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 33, 20) }
```

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

```
.background{ background-color: rgb(19, 33,  
20) }
```

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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