

Converting Colors

CIELCh(20, 26.312, 149.983)

Have a look what the booklet for
CIELCh(20, 26.312, 149.983)
contains.

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Color

CIELCh(20, 26.316, 149.817)

Conversions

Conversions Part 1

Format	Color
Hex	0B381C
RGB	11, 56, 28
RGB Percent	4%, 22%, 11%
CMY	0.9566, 0.7802, 0.8900
CMYK	0.80, 0.00, 0.50, 0.78
HSL	143°, 67%, 13%
HSV	143°, 80%, 22%
XYZ	1.7658, 2.9891, 1.5854
YIQ	39.3530, -17.8320, -18.2480

Conversions

Conversions Part 2

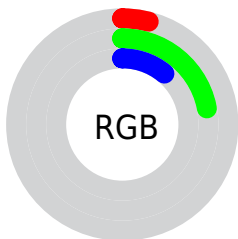
Format	Color
R_{YB}	11, 44, 56
Decimal	735260
CIE _{Lab}	20.00, -22.75, 13.23
CIE _{LCh}	20, 26.316, 149.817
Yxy	2.9891, 0.2785, 0.4714
Android (android.graphics.Color)	4278925340 (0xFF0B381C)
YUV	39.3530, -5.5970, -24.8656
Hunter-Lab	17.2889, -12.0249, 6.6651

Details

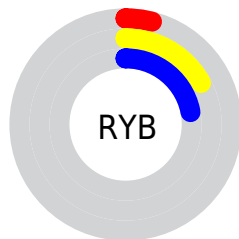
The CIELCh color **20, 26.316, 149.817** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **11, 26.323, 344.466**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **40, 26.573, 149.794**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **20, 28.926, 148.444**, and if you desaturate by 10%, it is **20, 23.537, 151.211**.

Distribution



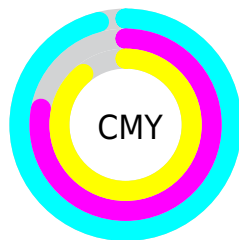
- Red (4%)
- Green (22%)
- Blue (11%)



- Red (4%)
- Yellow (17%)
- Blue (22%)



- Cyan (80%)
- Magenta (0%)
- Yellow (50%)
- Black (78%)





- Cyan (96%)
- Magenta (78%)
- Yellow (89%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 20, 26.316, 149.817 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 20, 26.316, 149.817 by changing the saturation by 10% instead.

 20, 26.316,
149.817


 20, 26.316,
149.817


 100, 26.316,
149.817


 10, 26.316,
149.817


 40, 26.316,
149.817

 0, 26.316, 149.817

 50, 26.316,
149.817

 60, 26.316,
149.817

 70, 26.316,
149.817

 80, 26.316,
149.817

 90, 26.316,

149.817

■ 20, 26.316,
149.817

■ 20, 26.316,
149.817

■ 20, 28.926,
148.444

■ 20, 23.537,
151.211

■ 20, 31.468,
147.419

■ 21, 20.529,
152.461

■ 21, 17.333,
153.577

■ 21, 13.997,
154.570

■ 22, 10.566,
155.458

■ 22, 7.080, 156.254

■ 23, 3.576, 156.983

■ 24, 0.086, 159.321

■ 24, 3.369, 338.116

Harmonies

Complementary

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



20, 26.316, 149.817



11, 26.323, 344.466

Rectangle

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



20, 26.316, 149.817



20, 26.316, 199.817



20, 26.316, 329.817



20, 26.316, 19.817

Sweetspot

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



20, 26.316, 149.817



30, 10.575, 155.869



21, 28.869, 121.341



14, 7.333, 155.764



68, 0.008, 296.813



15, 0.003, 296.813

Same Dimension

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



20, 26.316, 149.817



27, 37.577, 146.716



21, 16.661, 182.145



10, 1.931, 157.120



33, 45.669, 145.428



77, 89.662, 143.520

Inverse Universe

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



11, 26.323, 344.466



14, 35.911, 347.477



10, 23.979, 19.198



9, 1.943, 338.066



18, 42.423, 348.918



48, 78.649, 351.338

Previews

White Background



This preview shows how the CIELCh color 20, 26.316, 149.817 looks on a white background.

Color Contrast Check

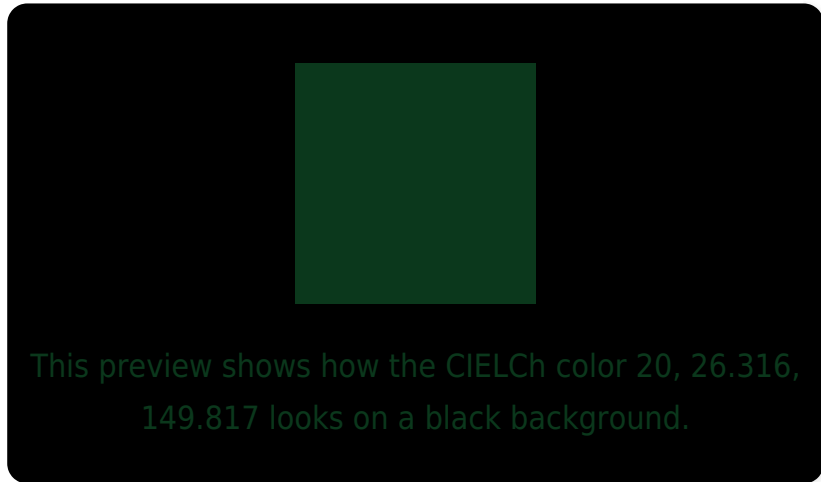
Large Text (above 18pt) WCAG AA ✓ Pass

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 20, 26.316, 149.817

Background



This preview shows how black text looks on a background with the CIELCh color 20, 26.316, 149.817.



This preview shows how white text looks on a background with the CIELCh color 20, 26.316, 149.817.

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
20, 26.316, 149.817

Protanopia
20, 16.189, 96.762

Deuteranopia
20, 12.983, 75.256



Tritanopia
20, 11.196, 211.682

Trichromacy



Original Color
20, 26.316, 149.817

Protanomaly
20, 18.611, 128.453

Deuteranomaly
19, 14.623, 122.994

Tritanomaly
20, 15.088, 175.323

Monochromacy



Original Color
20, 26.316, 149.817

Achromatopsia
16, 0.003, 296.813

Achromatomaly
17, 10.324, 155.040

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 20, 26.316, 149.817 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(11, 56, 28)` looks like.

```
.text, #text, p{  
    color:rgb(11, 56, 28)  
}
```

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(11, 56, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 56, 28) }
```

Border

The CSS property to change the border of an element to CIELCh 20, 26.316, 149.817 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(11, 56, 28) }
```

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

```
.border{ border-color:rgb(11, 56, 28) }
```

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

Here you see how a box with a 4 pixel rgb(11, 56, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 56, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 56, 28);  
box-shadow:4px 4px 4px 4px rgb(11, 56, 28)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 20, 26.316, 149.817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 56, 28) }
```

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

```
.background{ background-color: rgb(11, 56,  
28) }
```

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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