

Converting Colors

CIELCh(20, 19.559, 142.449)

Have a look what the booklet for
CIELCh(20, 19.559, 142.449)
contains.

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Color

CIELCh(20, 19.951, 142.535)

Conversions

Conversions Part 1

Format	Color
Hex	1D361E
RGB	29, 54, 30
RGB Percent	11%, 21%, 12%
CMY	0.8864, 0.7884, 0.8825
CMYK	0.46, 0.00, 0.44, 0.79
HSL	122°, 30%, 16%
HSV	122°, 46%, 21%
XYZ	2.0570, 2.9891, 1.6945
YIQ	43.7890, -7.1960, -12.7640

Conversions

Conversions Part 2

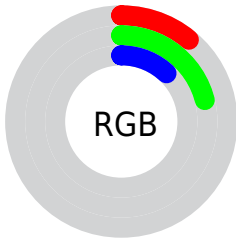
Format	Color
R_{YB}	29, 53, 54
Decimal	1914398
CIE _{Lab}	20.00, -15.84, 12.14
CIE _{LCh}	20, 19.951, 142.535
Yxy	2.9891, 0.3052, 0.4434
Android (android.graphics.Color)	4280104478 (0xFF1D361E)
YUV	43.7890, -6.7980, -12.9700
Hunter-Lab	17.2889, -9.0183, 6.2912

Details

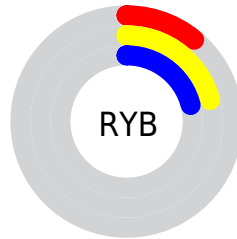
The CIELCh color **20, 19.951, 142.535** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **15, 19.915, 327.689**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **40, 20.061, 142.767**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **20, 24.008, 141.637**, and if you desaturate by 10%, it is **20, 15.728, 143.343**.

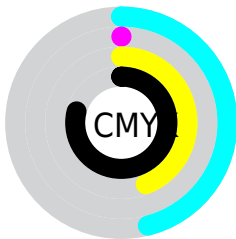
Distribution



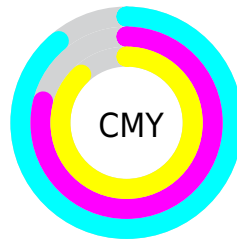
- Red (11%)
- Green (21%)
- Blue (12%)



- Red (11%)
- Yellow (21%)
- Blue (21%)



- Cyan (46%)
- Magenta (0%)
- Yellow (44%)
- Black (79%)





- Cyan (89%)
- Magenta (79%)
- Yellow (88%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 20, 19.951, 142.535 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, 19.951, 142.535 by changing the saturation by 10% instead.

 20, 19.951,
142.535


 20, 19.951,
142.535


 100, 19.951,
142.535


 10, 19.951,
142.535


 40, 19.951,
142.535

 0, 19.951, 142.535

 50, 19.951,
142.535

 60, 19.951,
142.535

 70, 19.951,
142.535

 80, 19.951,
142.535

 90, 19.951,

142.535

■ 20, 19.951,
142.535

■ 20, 19.951,
142.535

■ 20, 24.008,
141.637

■ 20, 15.728,
143.343

■ 19, 27.813,
140.659

■ 21, 11.411,
144.059

■ 19, 31.241,
139.683

■ 22, 7.059, 144.691

■ 22, 2.719, 145.261

■ 19, 34.046,
139.134

■ 23, 1.572, 325.629

■ 19, 36.704,
138.928

■ 24, 5.788, 326.092

■ 19, 37.703,
138.891

■ 24, 9.911, 326.459

■ 25, 13.930,
326.776

■ 26, 17.837,
327.053

Harmonies

Complementary

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



20, 19.951, 142.535



15, 19.915, 327.689

Rectangle

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



20, 19.951, 142.535



20, 19.951, 192.535



20, 19.951, 322.535



20, 19.951, 12.535

Sweetspot

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



20, 19.951, 142.535



29, 7.645, 144.784



22, 16.389, 107.927



13, 5.174, 144.747



67, 0.008, 296.813



14, 0.003, 296.813

Same Dimension

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



20, 19.951, 142.535



27, 30.060, 141.385



20, 13.688, 161.566



10, 2.463, 145.144



33, 55.790, 136.742



77, 106.203, 136.278

Inverse Universe

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



15, 19.915, 327.689



19, 29.876, 328.230



15, 14.471, 349.535



9, 2.468, 325.896



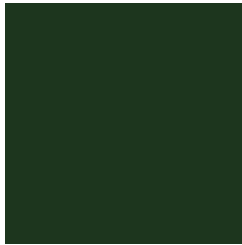
20, 53.203, 329.777



52, 99.901, 329.912

Previews

White Background



This preview shows how the CIELCh color 20, 19.951, 142.535 looks on a white background.

Color Contrast Check

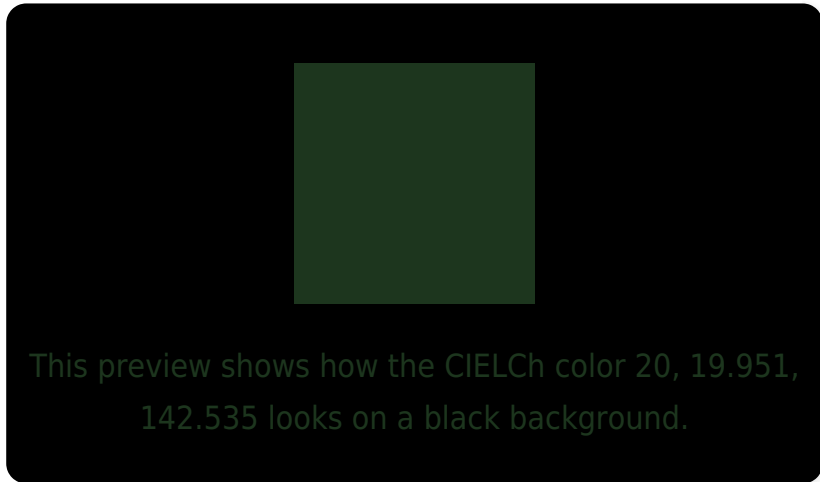
Large Text (above 18pt) WCAG AA ✓ Pass

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

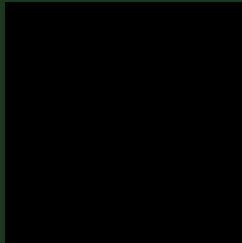
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 20, 19.951, 142.535

Background



This preview shows how black text looks on a background with the CIELCh color 20, 19.951, 142.535.



This preview shows how white text looks on a background with the CIELCh color 20, 19.951, 142.535.

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](#).

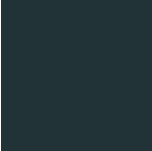
Dichromacy



Original Color
20, 19.951, 142.535

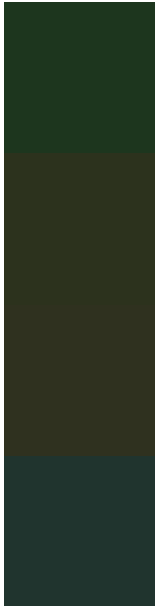
Protanopia
20, 13.690, 95.706

Deuteranopia
20, 11.510, 74.483



Tritanopia
20, 7.452, 219.783

Trichromacy



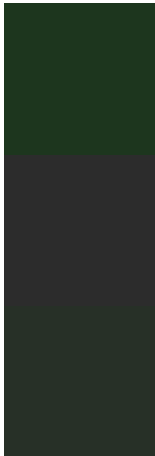
Original Color
20, 19.951, 142.535

Protanomaly
20, 14.354, 119.191

Deuteranomaly
20, 12.122, 112.107

Tritanomaly
20, 9.779, 172.744

Monochromacy



Original Color
20, 19.951, 142.535

Achromatopsia
18, 0.003, 296.813

Achromatomaly
19, 7.553, 143.496

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 20, 19.951, 142.535 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(29, 54, 30)` looks like.

```
.text, #text, p{  
    color:rgb(29, 54, 30)  
}
```

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(29, 54, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 54, 30) }
```

Border

The CSS property to change the border of an element to CIELCh 20, 19.951, 142.535 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(29, 54, 30) }
```

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

```
.border{ border-color:rgb(29, 54, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 54, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 54, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 54, 30);  
box-shadow:4px 4px 4px 4px rgb(29, 54, 30)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 20, 19.951, 142.535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 54, 30) }
```

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

```
.background{ background-color: rgb(29, 54,  
30) }
```

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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