

Converting Colors

CIELCh(20, 27.615, 1.384)

Have a look what the booklet for
CIELCh(20, 27.615, 1.384) contains.

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Color

CIELCh(20, 27.641, 1.531)

Conversions

Conversions Part 1

Format	Color
Hex	541D30
RGB	84, 29, 48
RGB Percent	33%, 11%, 19%
CMY	0.6701, 0.8858, 0.8114
CMYK	0.00, 0.65, 0.43, 0.67
HSL	339°, 49%, 22%
HSV	339°, 65%, 33%
XYZ	4.6450, 2.9891, 3.1398
YIQ	47.6110, 26.6810, 17.5690

Conversions

Conversions Part 2

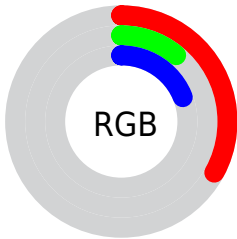
Format	Color
R_{YB}	84, 29, 48
Decimal	5512496
CIE _{Lab}	20.00, 27.63, 0.74
CIE _{LCh}	20, 27.641, 1.531
Yxy	2.9891, 0.4311, 0.2774
Android (android.graphics.Color)	4283702576 (0xFF541D30)
YUV	47.6110, 0.1918, 31.9132
Hunter-Lab	17.2889, 17.7017, 1.3347

Details

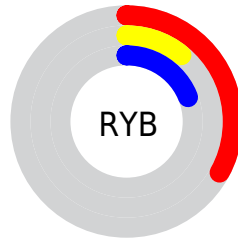
The CIELCh color **20, 27.641, 1.531** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **32, 23.991, 166.008**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **40, 27.653, 1.270**, and **4, 19.370, 18.235** is the 20% darker color. If you saturate the color by 10%, you get **18, 31.157, 4.020**, and if you desaturate by 10%, it is **22, 23.673, 359.516**.

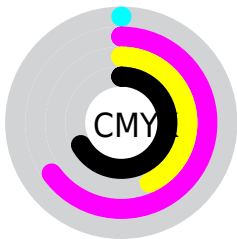
Distribution



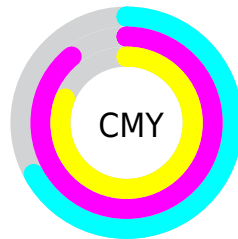
- Red (33%)
- Green (11%)
- Blue (19%)



- Red (33%)
- Yellow (11%)
- Blue (19%)



- Cyan (0%)
- Magenta (65%)
- Yellow (43%)
- Black (67%)



- Cyan (67%)
- Magenta (89%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 20, 27.641, 1.531 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, 27.641, 1.531 by changing the saturation by 10% instead.

 20, 27.641, 1.531  20, 27.641, 1.531

 100, 27.641, 1.531  10, 27.641, 1.531

 40, 27.641, 1.531  0, 27.641, 1.531

 50, 27.641, 1.531

 60, 27.641, 1.531

 70, 27.641, 1.531

 80, 27.641, 1.531

 90, 27.641, 1.531

 20, 27.641, 1.531  20, 27.641, 1.531

 18, 31.157, 4.020  22, 23.673,

17, 34.067, 7.114	359.516
16, 36.588, 10.593	24, 19.432, 357.856
15, 37.880, 12.041	27, 15.067, 356.463
	29, 10.693, 355.269
	32, 6.388, 354.224
	34, 2.201, 353.242
	37, 1.844, 172.679
	40, 5.734, 171.858
	43, 9.469, 171.177

Harmonies

Complementary

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



20, 27.641, 1.531



32, 23.991, 166.008

Rectangle

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



20, 27.641, 1.531



20, 27.641, 51.531



20, 27.641, 181.531



20, 27.641, 231.531

Sweetspot

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



20, 27.639, 1.533



40, 10.416, 354.763



19, 38.615, 316.564



19, 7.181, 354.944



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



20, 27.639, 1.533



24, 39.441, 5.575



21, 26.121, 36.738



15, 2.238, 353.572



20, 44.232, 13.718



49, 80.406, 17.827

Inverse Universe

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



20, 27.639, 1.533



24, 39.441, 5.575



30, 16.149, 216.680



15, 2.238, 353.572



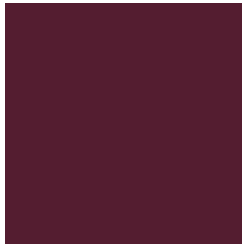
20, 44.232, 13.718



49, 80.406, 17.827

Previews

White Background



This preview shows how the CIELCh color 20, 27.641, 1.531 looks on a white background.

Color Contrast Check

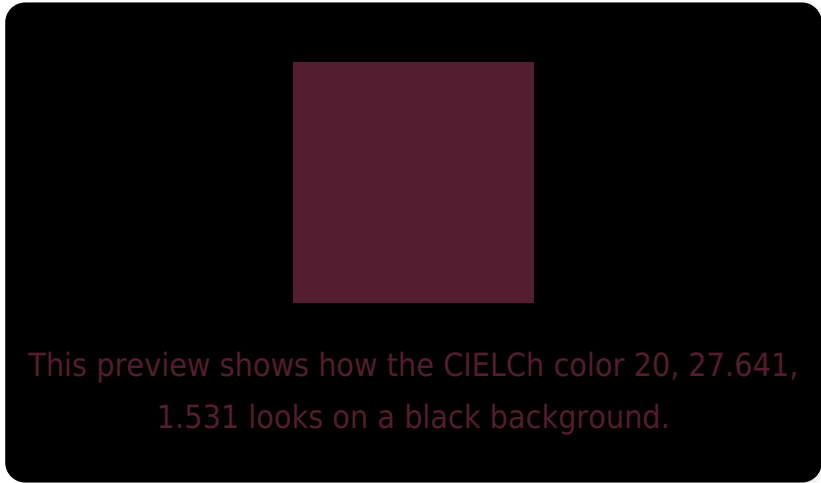
Large Text (above 18pt) WCAG AA ✓ Pass

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

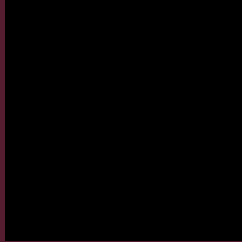
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 20, 27.641, 1.531

Background



This preview shows how black text looks on a background with the CIELCh color 20, 27.641, 1.531.



This preview shows how white text looks on a background with the CIELCh color 20, 27.641, 1.531.

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, 27.641, 1.531

Protanopia
21, 7.494, 285.375

Deuteranopia
21, 4.409, 47.297



Tritanopia
20, 26.228, 23.727

Trichromacy



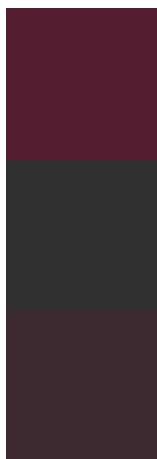
Original Color
20, 27.641, 1.531

Protanomaly
20, 12.545, 333.006

Deuteranomaly
20, 12.618, 7.091

Tritanomaly
20, 26.033, 15.488

Monochromacy



Original Color
20, 27.641, 1.531

Achromatopsia
20, 0.004, 296.813

Achromatomaly
19, 10.660, 355.606

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 20, 27.641, 1.531 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(84, 29, 48)` looks like.

```
.text, #text, p{  
    color:rgb(84, 29, 48)  
}
```

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(84, 29, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 29, 48) }
```

Border

The CSS property to change the border of an element to CIELCh 20, 27.641, 1.531 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(84, 29, 48) }
```

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

```
.border{ border-color:rgb(84, 29, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 29, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 29, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 29, 48);  
box-shadow:4px 4px 4px 4px rgb(84, 29, 48)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 20, 27.641, 1.531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 29, 48) }
```

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

```
.background{ background-color: rgb(84, 29,  
48) }
```

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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