

Converting Colors

CIELCh(20, 26.301, 14.789)

Have a look what the booklet for
CIELCh(20, 26.301, 14.789) contains.

CIELCh(20, 26.430, 14.402)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(20, 26.430, 14.402)

Conversions

Conversions Part 1

Format	Color
Hex	541F28
RGB	84, 31, 40
RGB Percent	33%, 12%, 16%
CMY	0.6717, 0.8795, 0.8441
CMYK	0.00, 0.63, 0.53, 0.67
HSL	350°, 46%, 22%
HSV	350°, 63%, 33%
XYZ	4.4918, 2.9891, 2.3261
YIQ	47.8730, 28.6990, 14.0350

Conversions

Conversions Part 2

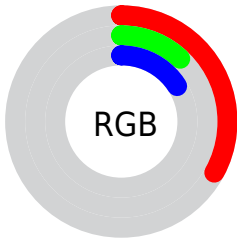
Format	Color
R_YB	84, 31, 40
Decimal	5513000
CIE Lab	20.00, 25.60, 6.57
CIE LCh	20, 26.430, 14.402
Yxy	2.9891, 0.4580, 0.3048
Android (android.graphics.Color)	4283703080 (0xFF541F28)
YUV	47.8730, -3.8814, 31.6834
Hunter-Lab	17.2889, 16.1203, 4.1250

Details

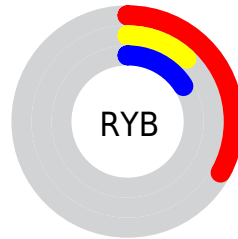
The CIELCh color **20, 26.430, 14.402** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **32, 20.007, 179.910**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **40, 26.092, 14.457**, and **4, 18.543, 18.159** is the 20% darker color. If you saturate the color by 10%, you get **18, 30.556, 17.173**, and if you desaturate by 10%, it is **22, 22.100, 12.176**.

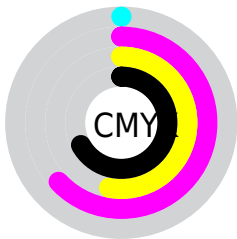
Distribution



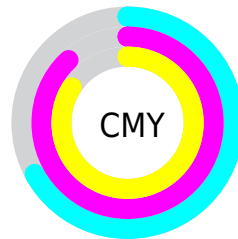
- Red (33%)
- Green (12%)
- Blue (16%)



- Red (33%)
- Yellow (12%)
- Blue (16%)



- Cyan (0%)
- Magenta (63%)
- Yellow (53%)
- Black (67%)



- Cyan (67%)
- Magenta (88%)
- Yellow (84%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 20, 26.430, 14.402 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, 26.430, 14.402 by changing the saturation by 10% instead.

 20, 26.430, 14.402

 20, 26.430, 14.402

 100, 26.430,
14.402

 10, 26.430, 14.402

 0, 26.430, 14.402

 40, 26.430, 14.402

 50, 26.430, 14.402

 60, 26.430, 14.402

 70, 26.430, 14.402

 80, 26.430, 14.402

 90, 26.430, 14.402

 20, 26.430, 14.402

 20, 26.430, 14.402

18, 30.556, 17.173

22, 22.100, 12.176

17, 34.352, 20.584

24, 17.706, 10.374

16, 37.803, 24.270

27, 13.359, 8.901

15, 40.039, 25.577

29, 9.135, 7.674

32, 5.082, 6.627

35, 1.223, 5.581

37, 2.438, 185.164

40, 5.905, 184.435

43, 9.189, 183.830

Harmonies

Complementary

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



20, 26.430, 14.402



32, 20.007, 179.910

Rectangle

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



20, 26.430, 14.402



20, 26.430, 64.402



20, 26.430, 194.402



20, 26.430, 244.402

Sweetspot

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



20, 26.428, 14.404



40, 9.238, 7.280



20, 37.840, 321.671



19, 6.437, 7.476



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, 26.428, 14.404



24, 39.420, 18.929



24, 22.952, 50.439



15, 2.070, 6.180



20, 47.811, 28.378



49, 88.967, 32.415

Inverse Universe

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



20, 26.428, 14.404



24, 39.420, 18.929



27, 15.762, 242.517



15, 2.070, 6.180



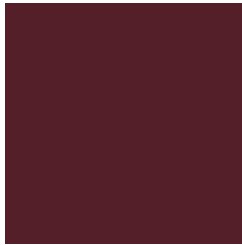
20, 47.811, 28.378



49, 88.967, 32.415

Previews

White Background



This preview shows how the CIELCh color 20, 26.430, 14.402 looks on a white background.

Color Contrast Check

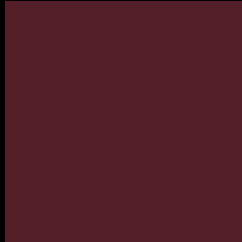
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIE LCh color 20, 26.430, 14.402 looks on a 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, 26.430, 14.402

Background



This preview shows how black text looks on a background with the CIELCh color 20, 26.430, 14.402.

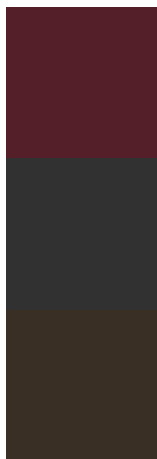


This preview shows how white text looks on a background with the CIELCh color 20, 26.430, 14.402.

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, 26.430, 14.402

Protanopia

20, 0.468, 19.058

Deuteranopia

20, 8.886, 69.055



Tritanopia
20, 26.228, 23.727

Trichromacy



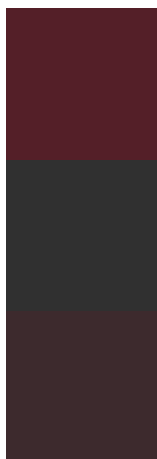
Original Color
20, 26.430, 14.402

Protanomaly
20, 10.089, 6.314

Deuteranomaly
20, 13.642, 30.797

Tritanomaly
20, 25.911, 20.869

Monochromacy



Original Color
20, 26.430, 14.402

Achromatopsia
20, 0.004, 296.813

Achromatomaly
19, 9.511, 9.366

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 20, 26.430, 14.402 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, 31, 40)` looks like.

```
.text, #text, p{  
    color:rgb(84, 31, 40)  
}
```

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, 31, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 31, 40) }
```

Border

The CSS property to change the border of an element to CIELCh 20, 26.430, 14.402 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, 31, 40) }
```

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

```
.border{ border-color:rgb(84, 31, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 31, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 31, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 31, 40);  
box-shadow:4px 4px 4px 4px rgb(84, 31, 40)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 20, 26.430, 14.402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 31, 40) }
```

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

```
.background{ background-color: rgb(84, 31,  
40) }
```

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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