

Converting Colors

CIELCh(20, 8.394, 315.369)

Have a look what the booklet for
CIELCh(20, 8.394, 315.369) contains.

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Color

CIELCh(20, 8.160, 314.376)

Conversions

Conversions Part 1

Format	Color
Hex	352E39
RGB	53, 46, 57
RGB Percent	21%, 18%, 22%
CMY	0.7928, 0.8202, 0.7771
CMYK	0.07, 0.19, 0.00, 0.78
HSL	278°, 11%, 20%
HSV	278°, 19%, 22%
XYZ	3.1661, 2.9891, 4.2610
YIQ	49.3470, 0.6410, 4.9050

Conversions

Conversions Part 2

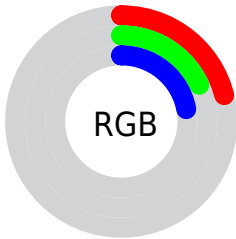
Format	Color
R_{YB}	53, 46, 57
Decimal	3485241
CIE Lab	20.00, 5.71, -5.83
CIE LCh	20, 8.160, 314.376
Yxy	2.9891, 0.3040, 0.2870
Android (android.graphics.Color)	4281675321 (0xFF352E39)
YUV	49.3470, 3.7729, 3.2037
Hunter-Lab	17.2889, 2.4333, -2.5102

Details

The CIELCh color **20, 8.160, 314.376** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **23, 8.032, 132.970**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **40, 8.050, 315.107**, and **1, 6.270, 310.894** is the 20% darker color. If you saturate the color by 10%, you get **18, 12.483, 314.760**, and if you desaturate by 10%, it is **22, 3.903, 313.996**.

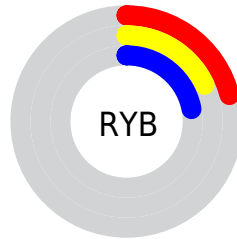
Distribution



 Red (21%)

 Green (18%)

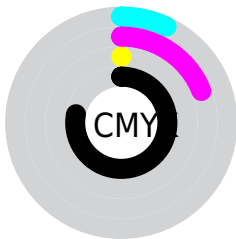
 Blue (22%)



 Red (21%)

 Yellow (18%)

 Blue (22%)

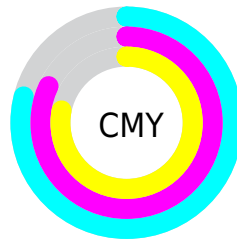


 Cyan (7%)

 Magenta (19%)

 Yellow (0%)

 Black (78%)



 Cyan (79%)

 Magenta (82%)

 Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 20, 8.160, 314.376 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, 8.160, 314.376 by changing the saturation by 10% instead.

■ 20, 8.160, 314.376

■ 20, 8.160, 314.376

■ 100, 8.160,
314.376

■ 10, 8.160, 314.376

■ 0, 8.160, 314.376

■ 40, 8.160, 314.376

■ 50, 8.160, 314.376

■ 60, 8.160, 314.376

■ 70, 8.160, 314.376

■ 80, 8.160, 314.376

■ 90, 8.160, 314.376

■ 20, 8.160, 314.376

■ 20, 8.160, 314.376

18, 12.483,
314.760

22, 3.903, 313.996

16, 16.843,
315.146

24, 0.268, 133.910

26, 4.344, 133.348

14, 21.192,
315.519

28, 8.318, 133.035

12, 25.455,
315.858

30, 12.192,
132.752

11, 29.530,
316.135

32, 15.965,
132.494

9, 33.276, 316.312

34, 19.640,
132.261

8, 36.785, 316.441

36, 23.222,
132.050

6, 40.296, 316.503

6, 40.522, 316.501

38, 26.714,
131.861

Harmonies

Complementary

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



20, 8.160, 314.376



23, 8.032, 132.970

Rectangle

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



20, 8.160, 314.376



20, 8.160, 4.376



20, 8.160, 134.376



20, 8.160, 184.376

Sweetspot

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



20, 8.159, 314.375



30, 3.114, 313.879



21, 4.994, 270.705



14, 2.086, 313.882



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, 8.159, 314.375



26, 12.140, 314.558



20, 8.210, 329.275



9, 2.286, 313.957



14, 57.197, 316.149



39, 108.276, 315.315

Inverse Universe

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



20, 5.872, 353.276



26, 8.752, 353.735



23, 8.192, 147.231



9, 1.637, 352.277



17, 40.164, 11.076



47, 76.496, 15.853

Previews

White Background



This preview shows how the CIELCh color 20, 8.160, 314.376 looks on a white background.

Color Contrast Check

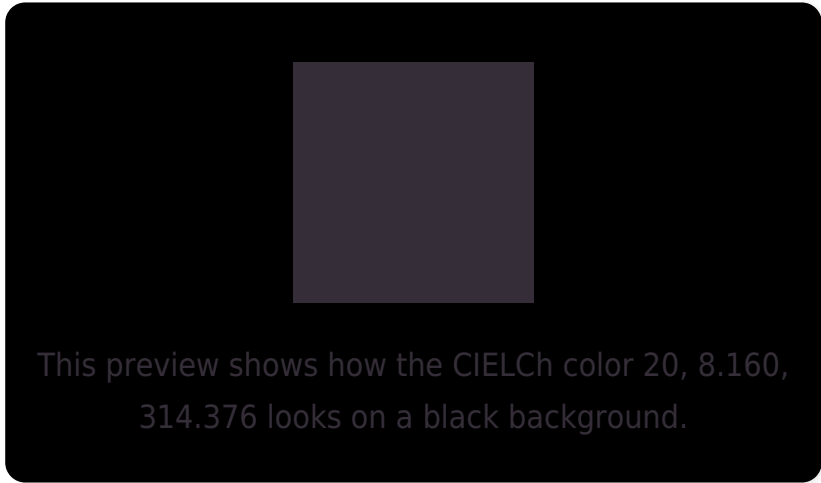
Large Text (above 18pt) WCAG AA ✓ Pass

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

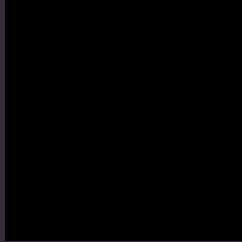
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 20, 8.160, 314.376

Background



This preview shows how black text looks on a background with the CIELCh color 20, 8.160, 314.376.



This preview shows how white text looks on a background with the CIELCh color 20, 8.160, 314.376.

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, 8.160, 314.376

Protanopia

20, 6.844, 284.554

Deuteranopia

20, 6.895, 299.108



Tritanopia
20, 3.597, 330.995

Trichromacy



Original Color

20, 8.160, 314.376

Protanomaly

20, 7.528, 295.257

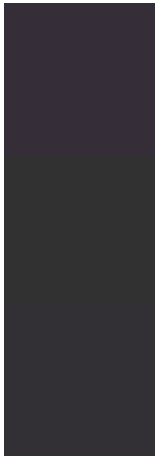
Deuteranomaly

20, 6.968, 302.725

Tritanomaly

20, 4.707, 320.213

Monochromacy



Original Color

20, 8.160, 314.376

Achromatopsia

20, 0.004, 296.813

Achromatomaly

20, 2.886, 309.337

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 20, 8.160, 314.376 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(53, 46, 57)` looks like.

```
.text, #text, p{  
    color:rgb(53, 46, 57)  
}
```

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(53, 46, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 46, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 20, 8.160, 314.376 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(53, 46, 57) }
```

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

```
.border{ border-color:rgb(53, 46, 57) }
```

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

Here you see how a box with a 4 pixel rgb(53, 46, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 46, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 46, 57);  
box-shadow:4px 4px 4px 4px rgb(53, 46, 57)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 20, 8.160, 314.376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 46, 57) }
```

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

```
.background{ background-color: rgb(53, 46,  
57) }
```

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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