

Converting Colors

CIELCh(20, 7.783, 353.077)

Have a look what the booklet for
CIELCh(20, 7.783, 353.077) contains.

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Color

CIELCh(20, 8.181, 351.541)

Conversions

Conversions Part 1

Format	Color
Hex	3B2C32
RGB	59, 44, 50
RGB Percent	23%, 17%, 20%
CMY	0.7676, 0.8265, 0.8030
CMYK	0.00, 0.25, 0.15, 0.77
HSL	336°, 15%, 20%
HSV	336°, 25%, 23%
XYZ	3.3090, 2.9891, 3.4476
YIQ	49.1690, 7.0140, 5.0460

Conversions

Conversions Part 2

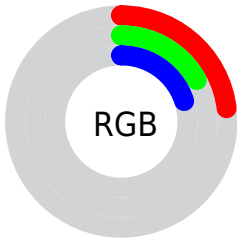
Format	Color
R_YB	59, 44, 50
Decimal	3877938
CIE Lab	20.00, 8.09, -1.20
CIE LCh	20, 8.181, 351.541
Yxy	2.9891, 0.3395, 0.3067
Android (android.graphics.Color)	4282068018 (0xFF3B2C32)
YUV	49.1690, 0.4097, 8.6218
Hunter-Lab	17.2889, 3.9089, 0.2792

Details

The CIELCh color **20, 8.181, 351.541** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **24, 7.836, 167.388**, and the grayscale version is **21, 0.004, 296.813**.

A 20% lighter version of the original color is **40, 7.710, 352.292**, and **1, 5.277, 6.153** is the 20% darker color. If you saturate the color by 10%, you get **18, 11.505, 352.583**, and if you desaturate by 10%, it is **22, 4.894, 350.613**.

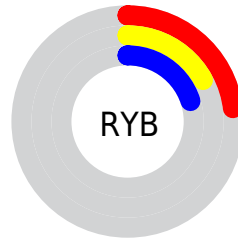
Distribution



Red (23%)

Green (17%)

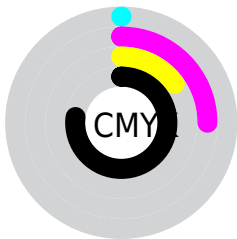
Blue (20%)



Red (23%)

Yellow (17%)

Blue (20%)

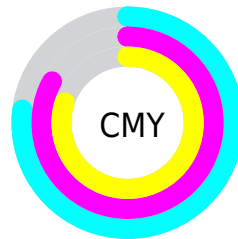


Cyan (0%)

Magenta (25%)

Yellow (15%)

Black (77%)



Cyan (77%)

Magenta (83%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 20, 8.181, 351.541 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, 8.181, 351.541 by changing the saturation by 10% instead.

■ 20, 8.181, 351.541

■ 20, 8.181, 351.541

■ 100, 8.181,
351.541

■ 10, 8.181, 351.541

■ 0, 8.181, 351.541

■ 40, 8.181, 351.541

■ 50, 8.181, 351.541

■ 60, 8.181, 351.541

■ 70, 8.181, 351.541

■ 80, 8.181, 351.541

■ 90, 8.181, 351.541

■ 20, 8.181, 351.541

■ 20, 8.181, 351.541

18, 11.505,
352.583

22, 4.894, 350.613

16, 14.817,
353.770

24, 1.680, 349.720

15, 18.040,
355.149

26, 1.442, 169.218

13, 21.075,
356.783

30, 7.380, 167.812

12, 23.802,
358.751

32, 10.194,
167.229

11, 26.121, 1.130

34, 12.909,
166.691

10, 28.570, 3.285

36, 15.532,
166.191

9, 29.859, 4.107

38, 18.068,
165.724

Harmonies

Complementary

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



20, 8.181, 351.541



24, 7.836, 167.388

Rectangle

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



20, 8.181, 351.541



20, 8.181, 41.541



20, 8.181, 171.541



20, 8.181, 221.541

Sweetspot

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



20, 8.180, 351.544



31, 3.131, 350.000



20, 11.041, 313.428



14, 2.186, 350.061



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, 8.180, 351.544



25, 12.056, 352.154



20, 6.759, 29.337



10, 1.804, 350.011



18, 40.805, 7.989



47, 76.445, 12.379

Inverse Universe

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



20, 8.180, 351.544



25, 12.056, 352.154



23, 5.819, 208.391



10, 1.804, 350.011



18, 40.805, 7.989



47, 76.445, 12.379

Previews

White Background



This preview shows how the CIELCh color 20, 8.181, 351.541 looks on a white background.

Color Contrast Check

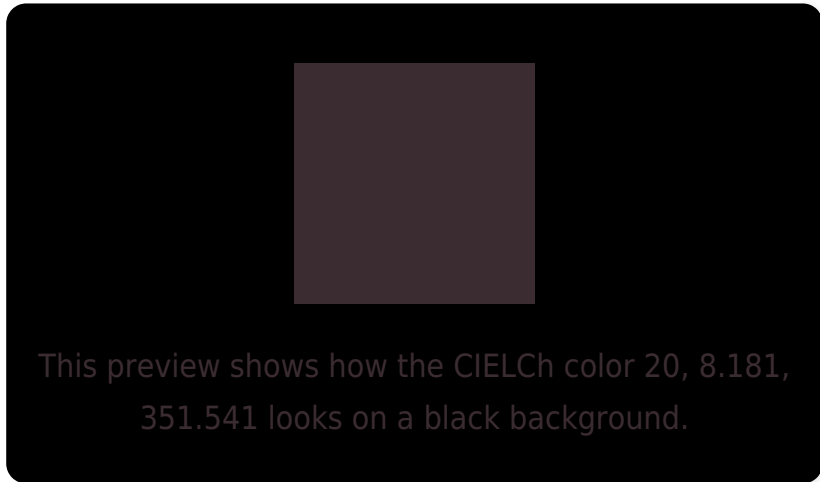
Large Text (above 18pt) WCAG AA ✓ Pass

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, 8.181, 351.541

Background



This preview shows how black text looks on a background with the CIELCh color 20, 8.181, 351.541.

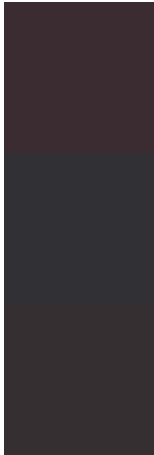


This preview shows how white text looks on a background with the CIELCh color 20, 8.181, 351.541.

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, 8.181, 351.541

Protanopia

20, 3.406, 290.993

Deuteranopia

20, 3.488, 344.403



Tritanopia
20, 7.025, 4.245

Trichromacy



Original Color

20, 8.181, 351.541

Protanomaly

20, 4.133, 324.859

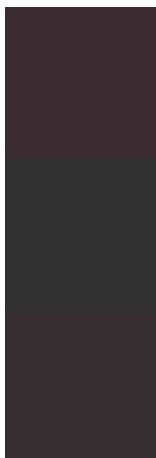
Deuteranomaly

20, 5.045, 347.974

Tritanomaly

20, 7.208, 359.041

Monochromacy



Original Color

20, 8.181, 351.541

Achromatopsia

20, 0.004, 296.813

Achromatomaly

20, 3.150, 354.533

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 20, 8.181, 351.541 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(59, 44, 50)` looks like.

```
.text, #text, p{  
    color:rgb(59, 44, 50)  
}
```

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(59, 44, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 44, 50) }
```

Border

The CSS property to change the border of an element to CIELCh 20, 8.181, 351.541 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(59, 44, 50) }
```

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

```
.border{ border-color:rgb(59, 44, 50) }
```

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

Here you see how a box with a 4 pixel rgb(59, 44, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 44, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 44, 50);  
box-shadow:4px 4px 4px 4px rgb(59, 44, 50)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 20, 8.181, 351.541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 44, 50) }
```

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

```
.background{ background-color: rgb(59, 44,  
50) }
```

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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