

Converting Colors

CIELCh(20, 7.789, 336.954)

Have a look what the booklet for
CIELCh(20, 7.789, 336.954) contains.

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Color

CIELCh(20, 7.789, 336.954)

Conversions

Conversions Part 1

Format	Color
Hex	392D35
RGB	57, 45, 53
RGB Percent	22%, 18%, 21%
CMY	0.7770, 0.8240, 0.7927
CMYK	0.00, 0.21, 0.07, 0.78
HSL	320°, 12%, 20%
HSV	320°, 21%, 22%
XYZ	3.2531, 2.9891, 3.7582
YIQ	49.5000, 4.5840, 5.0320

Conversions

Conversions Part 2

Format	Color
R_{YB}	57, 45, 53
Decimal	3747125
CIE Lab	20.00, 7.17, -3.05
CIE LCh	20, 7.789, 336.954
Yxy	2.9891, 0.3253, 0.2989
Android (android.graphics.Color)	4281937205 (0xFF392D35)
YUV	49.5000, 1.7255, 6.5775
Hunter-Lab	17.2889, 3.3317, -0.7859

Details

The CIELCh color **20, 7.789, 336.954** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **23, 7.716, 154.303**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **40, 7.322, 338.772**, and **1, 5.462, 343.202** is the 20% darker color. If you saturate the color by 10%, you get **18, 11.512, 337.642**, and if you desaturate by 10%, it is **22, 4.071, 336.299**.

Distribution



Red (22%)

Green (18%)

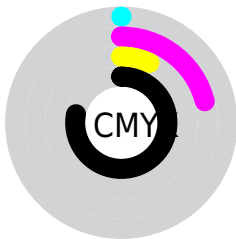
Blue (21%)



Red (22%)

Yellow (18%)

Blue (21%)



Cyan (0%)

Magenta (21%)

Yellow (7%)

Black (78%)



Cyan (78%)

Magenta (82%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 20, 7.789, 336.954 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, 7.789, 336.954 by changing the saturation by 10% instead.

■ 20, 7.789, 336.954

■ 20, 7.789, 336.954

■ 100, 7.789,
336.954

■ 10, 7.789, 336.954

■ 0, 7.789, 336.954

■ 40, 7.789, 336.954

■ 50, 7.789, 336.954

■ 60, 7.789, 336.954

■ 70, 7.789, 336.954

■ 80, 7.789, 336.954

■ 90, 7.789, 336.954

■ 20, 7.789, 336.954

■ 20, 7.789, 336.954

18, 11.512,
337.642

17, 15.187,
338.373

15, 18.736,
339.161

13, 22.056,
340.020

12, 25.024,
340.975

11, 27.506,
342.055

10, 29.740,
343.159

9, 32.015, 343.986

22, 4.071, 336.299

24, 0.400, 335.370

26, 3.202, 155.206

28, 6.719, 154.642

29, 10.146,
154.124

31, 13.478,
153.636

33, 16.718,
153.176

35, 19.868,
152.740

37, 22.932,
152.327

Harmonies

Complementary

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



20, 7.789, 336.954



23, 7.716, 154.303

Rectangle

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



20, 7.789, 336.954



20, 7.789, 26.954



20, 7.789, 156.954



20, 7.789, 206.954

Sweetspot

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



20, 7.788, 336.955



30, 2.734, 335.977



19, 8.423, 303.526



14, 1.831, 335.984



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, 7.788, 336.955



26, 11.519, 337.301



20, 5.965, 6.290



9, 2.006, 336.116



18, 43.456, 345.711



48, 80.539, 347.708

Inverse Universe

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



20, 7.788, 336.955



26, 11.519, 337.301



23, 5.529, 182.960



9, 2.006, 336.116



18, 43.456, 345.711



48, 80.539, 347.708

Previews

White Background



This preview shows how the CIELCh color 20, 7.789, 336.954 looks on a white background.

Color Contrast Check

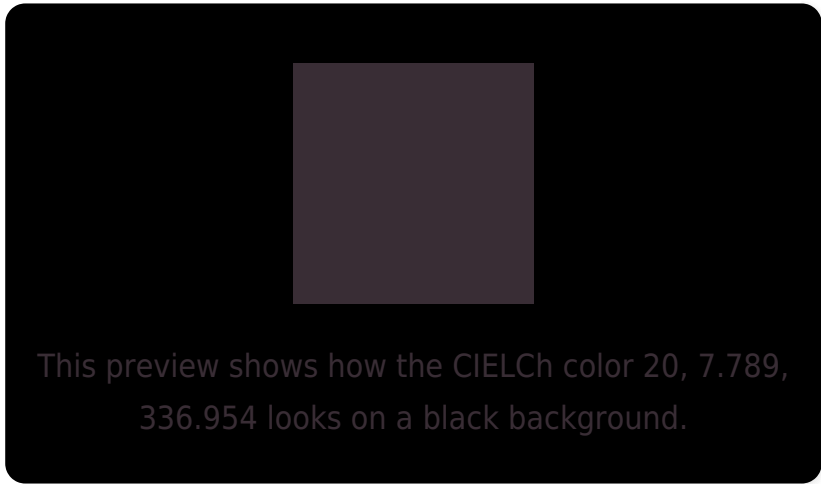
Large Text (above 18pt) WCAG AA ✓ Pass

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

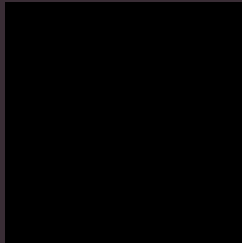
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 20, 7.789, 336.954

Background



This preview shows how black text looks on a background with the CIELCh color 20, 7.789, 336.954.

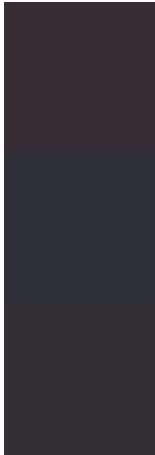


This preview shows how white text looks on a background with the CIELCh color 20, 7.789, 336.954.

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, 7.789, 336.954

Protanopia

20, 4.780, 285.997

Deuteranopia

20, 3.893, 319.146



Tritanopia
20, 5.173, 357.430

Trichromacy



Original Color

20, 7.789, 336.954

Protanomaly

20, 5.128, 311.981

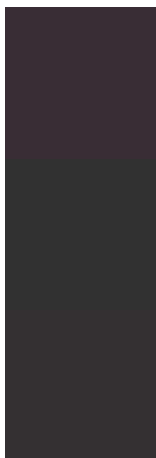
Deuteranomaly

20, 5.237, 329.251

Tritanomaly

20, 5.452, 350.813

Monochromacy



Original Color

20, 7.789, 336.954

Achromatopsia

20, 0.004, 296.813

Achromatomaly

20, 2.323, 344.115

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 20, 7.789, 336.954 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(57, 45, 53)` looks like.

```
.text, #text, p{  
    color:rgb(57, 45, 53)  
}
```

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(57, 45, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 45, 53) }
```

Border

The CSS property to change the border of an element to CIELCh 20, 7.789, 336.954 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(57, 45, 53) }
```

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

```
.border{ border-color:rgb(57, 45, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 45, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 45, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 45, 53);  
box-shadow:4px 4px 4px 4px rgb(57, 45, 53)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 20, 7.789, 336.954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 45, 53) }
```

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

```
.background{ background-color: rgb(57, 45,  
53) }
```

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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