

Converting Colors

CIELCh(20, 6.381, 357.503)

Have a look what the booklet for
CIELCh(20, 6.381, 357.503) contains.

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Color

CIELCh(20, 6.322, 355.458)

Conversions

Conversions Part 1

Format	Color
Hex	392D31
RGB	57, 45, 49
RGB Percent	22%, 18%, 19%
CMY	0.7757, 0.8228, 0.8071
CMYK	0.00, 0.21, 0.14, 0.78
HSL	340°, 12%, 20%
HSV	340°, 21%, 22%
XYZ	3.2014, 2.9891, 3.3340
YIQ	49.0440, 5.8680, 3.7880

Conversions

Conversions Part 2

Format	Color
R _Y B	57, 45, 49
Decimal	3747121
CIE Lab	20.00, 6.30, -0.50
CIE LCh	20, 6.322, 355.458
Yxy	2.9891, 0.3361, 0.3138
Android (android.graphics.Color)	4281937201 (0xFF392D31)
YUV	49.0440, -0.0217, 6.9774
Hunter-Lab	17.2889, 2.7976, 0.6688

Details

The CIELCh color **20, 6.322, 355.458** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **23, 6.038, 172.030**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **40, 6.039, 356.513**, and **1, 4.037, 13.672** is the 20% darker color. If you saturate the color by 10%, you get **18, 9.453, 356.500**, and if you desaturate by 10%, it is **22, 3.260, 354.527**.

Distribution



Red (22%)

Green (18%)

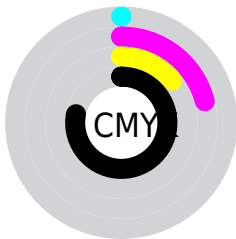
Blue (19%)



Red (22%)

Yellow (18%)

Blue (19%)



Cyan (0%)

Magenta (21%)

Yellow (14%)

Black (78%)



Cyan (78%)

Magenta (82%)

Yellow (81%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 20, 6.322, 355.458 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, 6.322, 355.458 by changing the saturation by 10% instead.

 20, 6.322, 355.458

 20, 6.322, 355.458

 100, 6.322,
355.458

 10, 6.322, 355.458

 0, 6.322, 355.458

 40, 6.322, 355.458

 50, 6.322, 355.458

 60, 6.322, 355.458

 70, 6.322, 355.458

 80, 6.322, 355.458

 90, 6.322, 355.458

 20, 6.322, 355.458

 20, 6.322, 355.458

18, 9.453, 356.500

22, 3.260, 354.527

16, 12.620,
357.688

24, 0.292, 353.116

15, 15.766,
359.072

26, 2.572, 173.125

28, 5.330, 172.424

13, 18.812, 0.713

30, 7.982, 171.806

12, 21.659, 2.691

32, 10.532,
171.242

10, 24.197, 5.105

34, 12.988,
170.724

9, 26.629, 7.546

8, 29.127, 8.558

36, 15.355,
170.243

38, 17.639,
169.795

Harmonies

Complementary

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



20, 6.322, 355.458



23, 6.038, 172.030

Rectangle

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



20, 6.322, 355.458



20, 6.322, 45.458



20, 6.322, 175.458



20, 6.322, 225.458

Sweetspot

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



20, 6.321, 355.462



30, 2.189, 354.090



20, 8.978, 315.422



14, 1.466, 354.099



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, 6.321, 355.462



25, 9.396, 355.983



20, 5.086, 35.667



9, 1.609, 354.281



17, 40.396, 13.828



46, 77.358, 18.754

Inverse Universe

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



20, 6.321, 355.462



25, 9.396, 355.983



22, 4.512, 216.060



9, 1.609, 354.281



17, 40.396, 13.828



46, 77.358, 18.754

Previews

White Background



This preview shows how the CIELCh color 20, 6.322, 355.458 looks on a white background.

Color Contrast Check

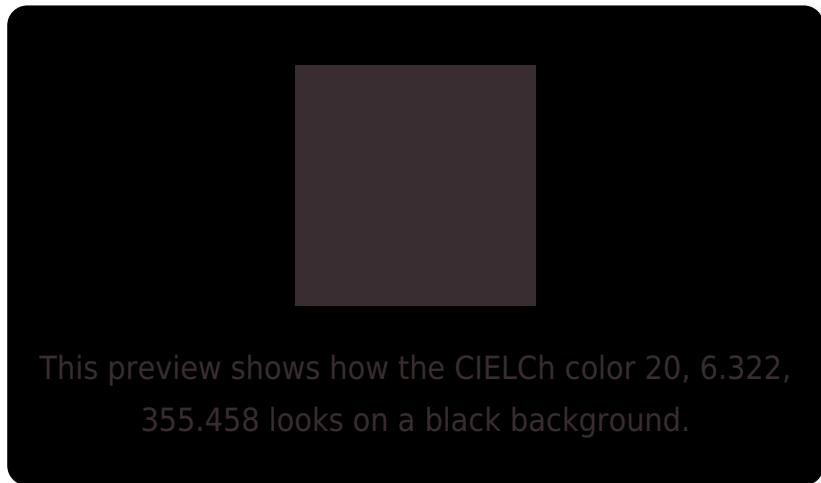
Large Text (above 18pt) WCAG AA ✓ Pass

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

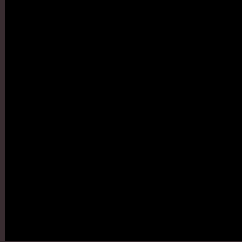
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 20, 6.322, 355.458

Background



This preview shows how black text looks on a background with the CIELCh color 20, 6.322, 355.458.

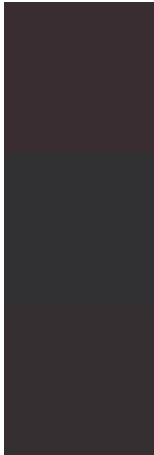


This preview shows how white text looks on a background with the CIELCh color 20, 6.322, 355.458.

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

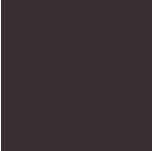
20, 6.322, 355.458

Protanopia

20, 2.102, 303.305

Deuteranopia

20, 3.150, 354.533



Tritanopia
20, 6.322, 355.458

Trichromacy



Original Color

20, 6.322, 355.458

Protanomaly

20, 3.118, 339.193

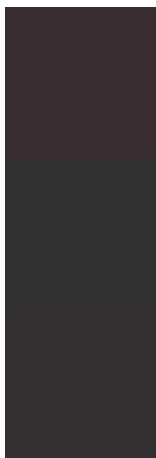
Deuteranomaly

20, 4.735, 355.000

Tritanomaly

20, 6.322, 355.458

Monochromacy



Original Color

20, 6.322, 355.458

Achromatopsia

20, 0.004, 296.813

Achromatomaly

20, 2.008, 0.025

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 20, 6.322, 355.458 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, 49)` looks like.

```
.text, #text, p{  
    color:rgb(57, 45, 49)  
}
```

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, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 45, 49) }
```

Border

The CSS property to change the border of an element to CIELCh 20, 6.322, 355.458 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, 49) }
```

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

```
.border{ border-color:rgb(57, 45, 49) }
```

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, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 45, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 45, 49);  
box-shadow:4px 4px 4px 4px rgb(57, 45, 49)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 20, 6.322, 355.458 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, 49) }
```

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

```
.background{ background-color: rgb(57, 45,  
49) }
```

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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