

Converting Colors

CIELCh(20, 6.926, 321.523)

Have a look what the booklet for
CIELCh(20, 6.926, 321.523) contains.

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Color

CIELCh(20, 7.155, 322.054)

Conversions

Conversions Part 1

Format	Color
Hex	362E37
RGB	54, 46, 55
RGB Percent	21%, 18%, 22%
CMY	0.7891, 0.8204, 0.7852
CMYK	0.02, 0.16, 0.00, 0.79
HSL	293°, 9%, 20%
HSV	293°, 16%, 21%
XYZ	3.1623, 2.9891, 3.9969
YIQ	49.4180, 1.8790, 4.4950

Conversions

Conversions Part 2

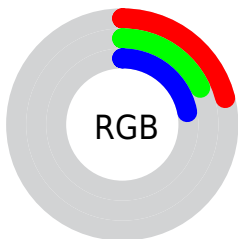
Format	Color
R_{YB}	54, 46, 55
Decimal	3550775
CIE Lab	20.00, 5.64, -4.40
CIE LCh	20, 7.155, 322.054
Yxy	2.9891, 0.3116, 0.2945
Android (android.graphics.Color)	4281740855 (0xFF362E37)
YUV	49.4180, 2.7519, 4.0184
Hunter-Lab	17.2889, 2.3941, -1.6046

Details

The CIELCh color **20, 7.155, 322.054** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **22, 7.125, 140.677**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **40, 7.167, 322.139**, and **1, 5.272, 321.907** is the 20% darker color. If you saturate the color by 10%, you get **18, 11.557, 322.467**, and if you desaturate by 10%, it is **22, 2.780, 321.625**.

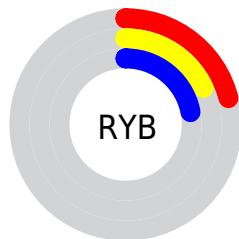
Distribution



Red (21%)

Green (18%)

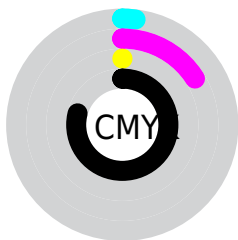
Blue (22%)



Red (21%)

Yellow (18%)

Blue (22%)

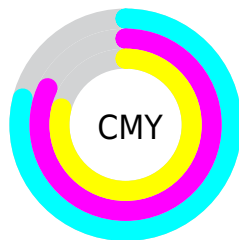


Cyan (2%)

Magenta (16%)

Yellow (0%)

Black (79%)



Cyan (79%)

Magenta (82%)

Yellow (79%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 20, 7.155, 322.054 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, 7.155, 322.054 by changing the saturation by 10% instead.


 20, 7.155, 322.054

 20, 7.155, 322.054


 100, 7.155,
322.054

 10, 7.155, 322.054


 0, 7.155, 322.054

 40, 7.155, 322.054

 50, 7.155, 322.054


 60, 7.155, 322.054

 70, 7.155, 322.054

 80, 7.155, 322.054

 90, 7.155, 322.054

 20, 7.155, 322.054

 20, 7.155, 322.054

■ 18, 11.557,
322.467

■ 22, 2.780, 321.625

■ 17, 15.942,
322.867

■ 24, 1.534, 141.317

■ 25, 5.765, 140.882

■ 15, 20.241,
323.245

■ 27, 9.901, 140.500

■ 13, 24.367,
323.586

■ 29, 13.935,
140.140

■ 12, 28.209,
323.875

■ 31, 17.865,
139.800

■ 11, 31.637,
324.093

■ 33, 21.692,
139.481

■ 10, 34.621,
324.240

■ 35, 25.417,
139.182

■ 9, 37.821, 324.443

■ 37, 29.043,
138.903

■ 8, 39.067, 324.536

Harmonies

Complementary

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



20, 7.155, 322.054



22, 7.125, 140.677

Rectangle

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



20, 7.155, 322.054



20, 7.155, 12.054



20, 7.155, 142.054



20, 7.155, 192.054

Sweetspot

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



20, 7.154, 322.054



29, 2.702, 321.570



20, 5.441, 286.610



13, 1.807, 321.578



67, 0.008, 296.813



14, 0.003, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



20, 7.154, 322.054



26, 10.903, 322.244



20, 5.657, 338.890



9, 2.451, 321.712



18, 55.175, 324.213



48, 103.948, 323.888

Inverse Universe

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



20, 4.378, 11.432



26, 6.740, 11.850



22, 5.601, 156.807



9, 1.474, 10.738



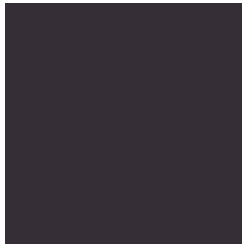
17, 44.161, 29.931



46, 88.429, 35.783

Previews

White Background



This preview shows how the CIELCh color 20, 7.155, 322.054 looks on a white background.

Color Contrast Check

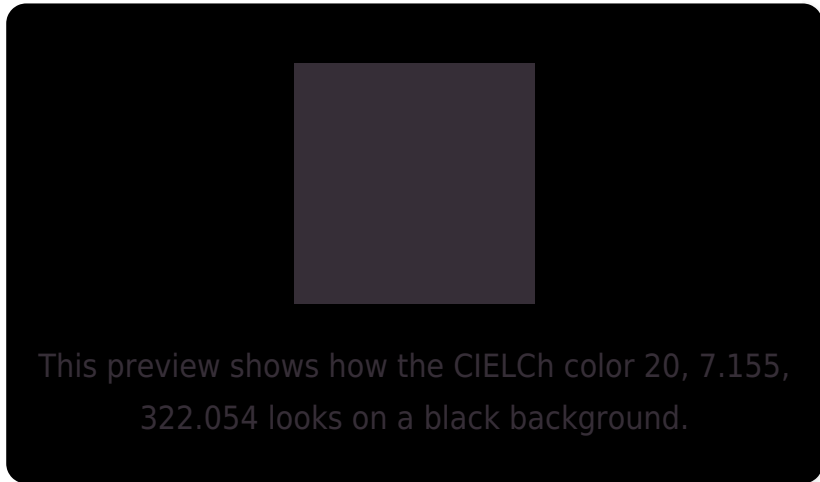
Large Text (above 18pt) WCAG AA ✓ Pass

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, 7.155, 322.054

Background



This preview shows how black text looks on a background with the CIELCh color 20, 7.155, 322.054.



This preview shows how white text looks on a background with the CIELCh color 20, 7.155, 322.054.

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

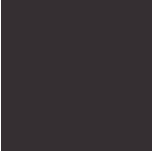
20, 7.155, 322.054

Protanopia

20, 5.457, 286.850

Deuteranopia

20, 5.640, 305.243



Tritanopia
20, 3.488, 344.403

Trichromacy



Original Color

20, 7.155, 322.054

Protanomaly

20, 6.220, 299.813

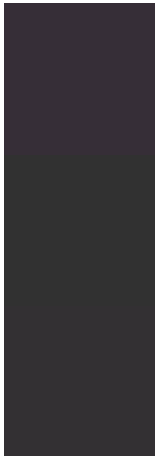
Deuteranomaly

20, 5.767, 309.620

Tritanomaly

20, 4.410, 329.941

Monochromacy



Original Color

20, 7.155, 322.054

Achromatopsia

20, 0.004, 296.813

Achromatomaly

20, 2.483, 324.671

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 20, 7.155, 322.054 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(54, 46, 55)` looks like.

```
.text, #text, p{  
    color:rgb(54, 46, 55)  
}
```

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(54, 46, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 46, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 20, 7.155, 322.054 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(54, 46, 55) }
```

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

```
.border{ border-color:rgb(54, 46, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 46, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 46, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 46, 55);  
box-shadow:4px 4px 4px 4px rgb(54, 46, 55)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 20, 7.155, 322.054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 46, 55) }
```

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

```
.background{ background-color: rgb(54, 46,  
55) }
```

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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