

Converting Colors

CIELCh(21, 11.050, 340.302)

Have a look what the booklet for
CIELCh(21, 11.050, 340.302)
contains.

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Color

CIELCh(21, 11.097, 340.085)

Conversions

Conversions Part 1

Format	Color
Hex	3F2D38
RGB	63, 45, 56
RGB Percent	25%, 18%, 22%
CMY	0.7521, 0.8227, 0.7795
CMYK	0.00, 0.28, 0.11, 0.75
HSL	323°, 17%, 21%
HSV	323°, 28%, 25%
XYZ	3.7302, 3.2451, 4.1994
YIQ	51.6360, 7.1970, 7.2370

Conversions

Conversions Part 2

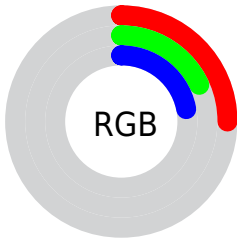
Format	Color
R _{YB}	63, 45, 56
Decimal	4140344
CIE Lab	21.00, 10.43, -3.78
CIE LCh	21, 11.097, 340.085
Yxy	3.2451, 0.3338, 0.2904
Android (android.graphics.Color)	4282330424 (0xFF3F2D38)
YUV	51.6360, 2.1515, 9.9662
Hunter-Lab	18.0142, 5.4371, -1.2116

Details

The CIELCh color **21, 11.097, 340.085** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **25, 10.909, 156.059**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **41, 11.063, 339.939**, and **2, 9.131, 343.559** is the 20% darker color. If you saturate the color by 10%, you get **19, 14.994, 340.894**, and if you desaturate by 10%, it is **23, 7.168, 339.338**.

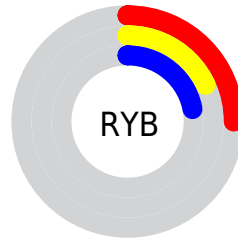
Distribution



 Red (25%)

 Green (18%)

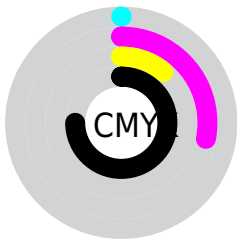
 Blue (22%)



 Red (25%)

 Yellow (18%)

 Blue (22%)

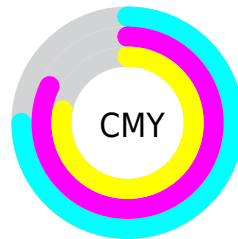


 Cyan (0%)

 Magenta (28%)

 Yellow (11%)

 Black (75%)



 Cyan (75%)


 Magenta (82%)


 Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 21, 11.097, 340.085 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 21, 11.097, 340.085 by changing the saturation by 10% instead.

 21, 11.097,
340.085


 21, 11.097,
340.085

 100, 11.097,
340.085


 11, 11.097,
340.085


 41, 11.097,
340.085


 1, 11.097, 340.085


 51, 11.097,
340.085

 0, 11.097, 340.085

 61, 11.097,
340.085

 71, 11.097,
340.085

 81, 11.097,
340.085

 91, 11.097,

340.085

■ 21, 11.097,
340.085

■ 21, 11.097,
340.085

■ 19, 14.994,
340.894

■ 23, 7.168, 339.338

■ 17, 18.783,
341.778

■ 25, 3.266, 338.623

■ 16, 22.353,
342.761

■ 27, 0.573, 158.315

■ 14, 25.571,
343.876

■ 31, 7.982, 156.885

■ 13, 28.285,
345.166

■ 33, 11.535,
156.347

■ 12, 30.448,
346.642

■ 36, 14.985,
155.843

■ 11, 32.775,
347.962

■ 38, 18.334,
155.368

■ 11, 33.159,
348.142

■ 40, 21.587,
154.920

Harmonies

Complementary

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



21, 11.097, 340.085



25, 10.909, 156.059

Rectangle

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



21, 11.097, 340.085



21, 11.097, 30.085



21, 11.097, 160.085



21, 11.097, 210.085

Sweetspot

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



21, 11.096, 340.086



32, 4.287, 338.688



20, 12.683, 306.300



15, 2.929, 338.732



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



21, 11.096, 340.086



26, 16.390, 340.641



21, 8.866, 12.260



10, 2.079, 338.615



19, 42.960, 349.901



49, 78.890, 352.353

Inverse Universe

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



21, 11.096, 340.086



26, 16.390, 340.641



25, 7.795, 187.820



10, 2.079, 338.615



19, 42.960, 349.901



49, 78.890, 352.353

Previews

White Background



This preview shows how the CIELCh color 21, 11.097, 340.085 looks on a white background.

Color Contrast Check

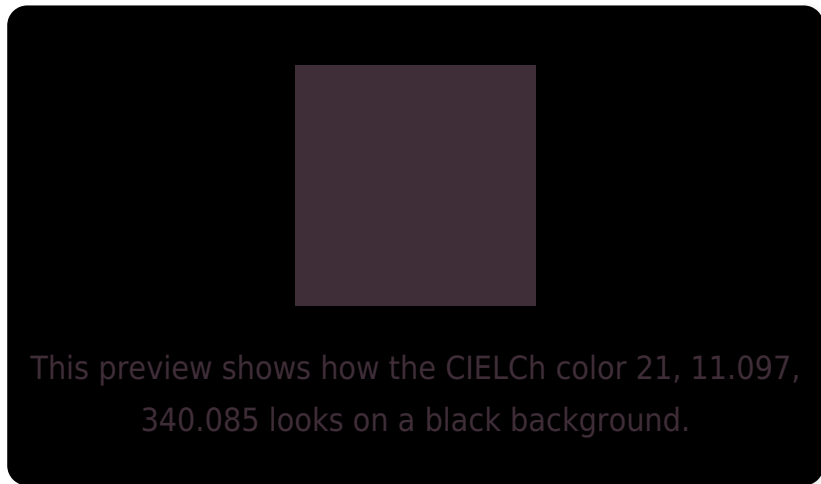
Large Text (above 18pt) WCAG AA ✓ Pass

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

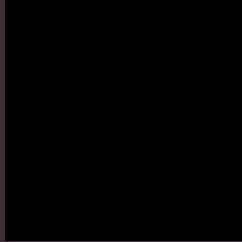
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 21, 11.097, 340.085

Background



This preview shows how black text looks on a background with the CIELCh color 21, 11.097, 340.085.



This preview shows how white text looks on a background with the CIELCh color 21, 11.097, 340.085.

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

21, 11.097, 340.085

Protanopia

21, 6.096, 287.496

Deuteranopia

21, 4.473, 315.038



Tritanopia
21, 8.092, 1.857

Trichromacy



Original Color
21, 11.097, 340.085

Protanomaly
21, 7.323, 313.106

Deuteranomaly
21, 6.302, 332.159

Tritanomaly
21, 8.548, 353.207

Monochromacy



Original Color
21, 11.097, 340.085

Achromatopsia
22, 0.004, 296.813

Achromatomaly
22, 3.881, 336.272

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 21, 11.097, 340.085 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(63, 45, 56)` looks like.

```
.text, #text, p{  
    color:rgb(63, 45, 56)  
}
```

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(63, 45, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 45, 56) }
```

Border

The CSS property to change the border of an element to CIELCh 21, 11.097, 340.085 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(63, 45, 56) }
```

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

```
.border{ border-color:rgb(63, 45, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 45, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 45, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 45, 56);  
box-shadow:4px 4px 4px 4px rgb(63, 45, 56)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 21, 11.097, 340.085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 45, 56) }
```

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

```
.background{ background-color: rgb(63, 45,  
56) }
```

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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