

Converting Colors

CIELCh(20, 41.839, 353.803)

Have a look what the booklet for
CIELCh(20, 41.839, 353.803)
contains.

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Color

CIELCh(20, 41.944, 353.875)

Conversions

Conversions Part 1

Format	Color
Hex	620538
RGB	98, 5, 56
RGB Percent	38%, 2%, 22%
CMY	0.6158, 0.9805, 0.7805
CMYK	0.00, 0.95, 0.43, 0.62
HSL	327°, 90%, 20%
HSV	327°, 95%, 38%
XYZ	5.8025, 2.9891, 4.0105
YIQ	38.6210, 39.0570, 35.5770

Conversions

Conversions Part 2

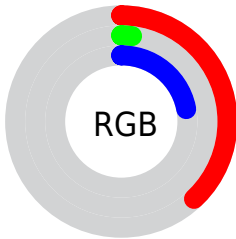
Format	Color
R_{YB}	98, 5, 56
Decimal	6423864
CIE _{Lab}	20.00, 41.70, -4.48
CIE _{LCh}	20, 41.944, 353.875
Yxy	2.9891, 0.4532, 0.2335
Android (android.graphics.Color)	4284613944 (0xFF620538)
YUV	38.6210, 8.5678, 52.0754
Hunter-Lab	17.2889, 29.6524, -1.6514

Details

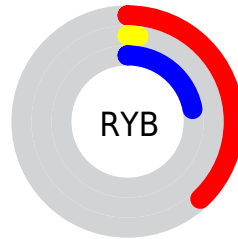
The CIELCh color **20, 41.944, 353.875** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **36, 43.313, 149.205**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **40, 41.858, 353.513**, and **6, 26.135, 10.274** is the 20% darker color. If you saturate the color by 10%, you get **19, 42.910, 355.087**, and if you desaturate by 10%, it is **21, 40.102, 351.432**.

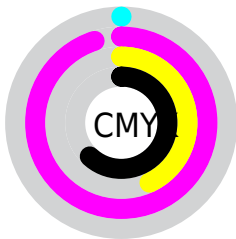
Distribution



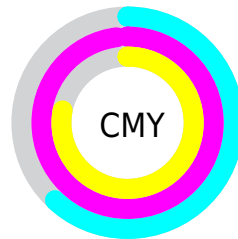
- Red (38%)
- Green (2%)
- Blue (22%)



- Red (38%)
- Yellow (2%)
- Blue (22%)



- Cyan (0%)
- Magenta (95%)
- Yellow (43%)
- Black (62%)





- Cyan (62%)
- Magenta (98%)
- Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 20, 41.944, 353.875 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, 41.944, 353.875 by changing the saturation by 10% instead.

 20, 41.944,
353.875


 20, 41.944,
353.875


 100, 41.944,
353.875


 10, 41.944,
353.875


 40, 41.944,
353.875

 0, 41.944, 353.875

 50, 41.944,
353.875

 60, 41.944,
353.875

 70, 41.944,
353.875

 80, 41.944,
353.875

 90, 41.944,

353.875

■ 20, 41.944,
353.875

■ 20, 41.944,
353.875

■ 19, 42.910,
355.087

■ 21, 40.102,
351.432

■ 22, 37.337,
349.377

■ 24, 33.595,
347.696

■ 26, 29.103,
346.290

■ 29, 24.103,
345.086

■ 31, 18.808,
344.032

■ 34, 13.386,
343.091

■ 37, 7.956, 342.234

■ 40, 2.596, 341.401

Harmonies

Complementary

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



20, 41.944, 353.875



36, 43.313, 149.205

Rectangle

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



20, 41.944, 353.875



20, 41.944, 43.875



20, 41.944, 173.875



20, 41.944, 223.875

Sweetspot

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



20, 41.942, 353.876



43, 18.714, 343.449



13, 59.593, 311.359



20, 12.816, 343.734



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



20, 41.942, 353.876



27, 51.503, 356.223



19, 46.021, 32.895



18, 2.948, 341.739



23, 47.096, 355.698



52, 81.610, 358.162

Inverse Universe

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



20, 41.942, 353.876



27, 51.503, 356.223



37, 25.375, 189.708



18, 2.948, 341.739



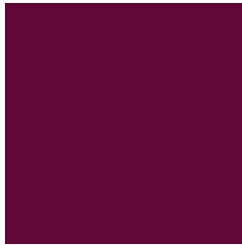
23, 47.096, 355.698



52, 81.610, 358.162

Previews

White Background



This preview shows how the CIELCh color 20, 41.944, 353.875 looks on a white background.

Color Contrast Check

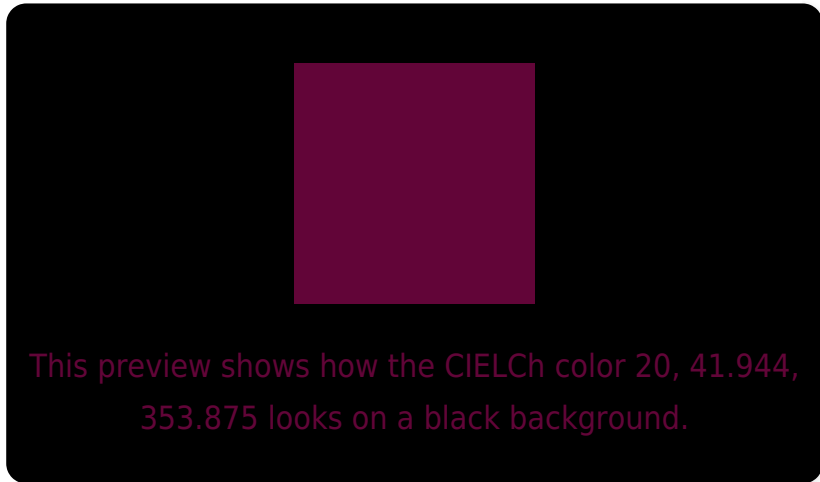
Large Text (above 18pt) WCAG AA ✓ Pass

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

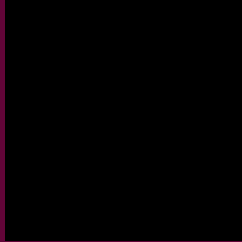
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 20, 41.944, 353.875

Background



This preview shows how black text looks on a background with the CIELCh color 20, 41.944, 353.875.



This preview shows how white text looks on a background with the CIELCh color 20, 41.944, 353.875.

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, 41.944, 353.875

Protanopia

22, 19.672, 284.140

Deuteranopia

21, 3.120, 354.490



Tritanopia
21, 38.355, 30.176

Trichromacy



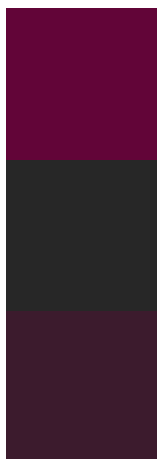
Original Color
20, 41.944, 353.875

Protanomaly
18, 27.413, 319.458

Deuteranomaly
19, 20.898, 347.682

Tritanomaly
20, 38.004, 16.179

Monochromacy



Original Color
20, 41.944, 353.875

Achromatopsia
16, 0.003, 296.813

Achromatomaly
15, 19.478, 345.963

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 20, 41.944, 353.875 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(98, 5, 56)` looks like.

```
.text, #text, p{  
    color:rgb(98, 5, 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(98, 5, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 5, 56) }
```

Border

The CSS property to change the border of an element to CIELCh 20, 41.944, 353.875 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(98, 5, 56) }
```

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

```
.border{ border-color:rgb(98, 5, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 5, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 5, 56); -webkit-box-shadow:4px  
4px 4px 4px rgb(98, 5, 56); box-shadow:4px  
4px 4px 4px rgb(98, 5, 56) }
```

Background

The CSS property to change the background color of an element to CIELCh 20, 41.944, 353.875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 5, 56) }
```

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

```
.background{ background-color: rgb(98, 5,  
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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