

Converting Colors

CIELCh(20, 41.547, 345.255)

Have a look what the booklet for
CIELCh(20, 41.547, 345.255)
contains.

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Color

CIELCh(20, 41.643, 344.990)

Conversions

Conversions Part 1

Format	Color
Hex	5E0B41
RGB	94, 11, 65
RGB Percent	37%, 4%, 25%
CMY	0.6318, 0.9575, 0.7455
CMYK	0.00, 0.88, 0.31, 0.63
HSL	321°, 79%, 21%
HSV	321°, 88%, 37%
XYZ	5.6724, 2.9891, 5.2630
YIQ	41.9730, 32.1340, 34.3900

Conversions

Conversions Part 2

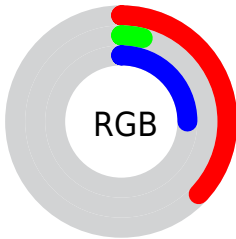
Format	Color
RYB	94, 11, 65
Decimal	6163265
CIELab	20.00, 40.22, -10.79
CIElCh	20, 41.643, 344.990
Yxy	2.9891, 0.4074, 0.2147
Android (android.graphics.Color)	4284353345 (0xFF5E0B41)
YUV	41.9730, 11.3523, 45.6277
Hunter-Lab	17.2889, 28.3094, -5.9464

Details

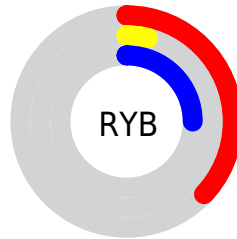
The CIELCh color **20, 41.643, 344.990** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **34, 43.686, 146.174**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **40, 41.276, 344.785**, and **6, 25.574, 355.384** is the 20% darker color. If you saturate the color by 10%, you get **19, 43.425, 346.656**, and if you desaturate by 10%, it is **21, 39.282, 343.447**.

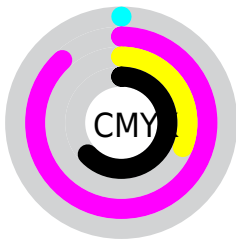
Distribution



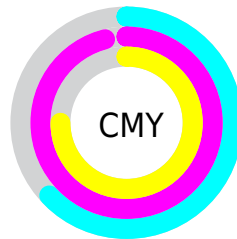
- Red (37%)
- Green (4%)
- Blue (25%)



- Red (37%)
- Yellow (4%)
- Blue (25%)



- Cyan (0%)
- Magenta (88%)
- Yellow (31%)
- Black (63%)





- Cyan (63%)
- Magenta (96%)
- Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 20, 41.643, 344.990 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, 41.643, 344.990 by changing the saturation by 10% instead.

 20, 41.643,
344.990


 20, 41.643,
344.990


 100, 41.643,
344.990


 10, 41.643,
344.990


 40, 41.643,
344.990

 0, 41.643, 344.990

 50, 41.643,
344.990

 60, 41.643,
344.990

 70, 41.643,
344.990

 80, 41.643,
344.990

 90, 41.643,

344.990

■ 20, 41.643,
344.990

■ 20, 41.643,
344.990

■ 19, 43.425,
346.656

■ 21, 39.282,
343.447

■ 19, 43.722,
346.900

■ 23, 35.855,
342.149

■ 25, 31.566,
341.030

■ 27, 26.655,
340.043

■ 29, 21.346,
339.153

■ 32, 15.824,
338.337

■ 35, 10.229,
337.578

■ 37, 4.655, 336.853

■ 40, 0.833, 156.487

Harmonies

Complementary

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



20, 41.643, 344.990



34, 43.686, 146.174

Rectangle

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



20, 41.643, 344.990



20, 41.643, 34.990



20, 41.643, 164.990



20, 41.643, 214.990

Sweetspot

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



20, 41.641, 344.991



42, 18.674, 338.288



12, 55.615, 308.805



20, 12.468, 338.452



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



20, 41.641, 344.991



26, 52.432, 347.695



19, 39.711, 23.481



17, 3.027, 336.878



23, 48.585, 347.384



52, 84.601, 349.100

Inverse Universe

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



20, 41.641, 344.991



26, 52.432, 347.695



35, 26.728, 177.055



17, 3.027, 336.878



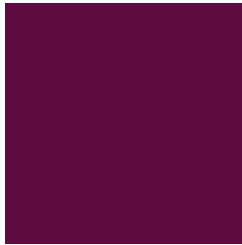
23, 48.585, 347.384



52, 84.601, 349.100

Previews

White Background



This preview shows how the CIE LCh color 20, 41.643, 344.990 looks on a white background.

Color Contrast Check

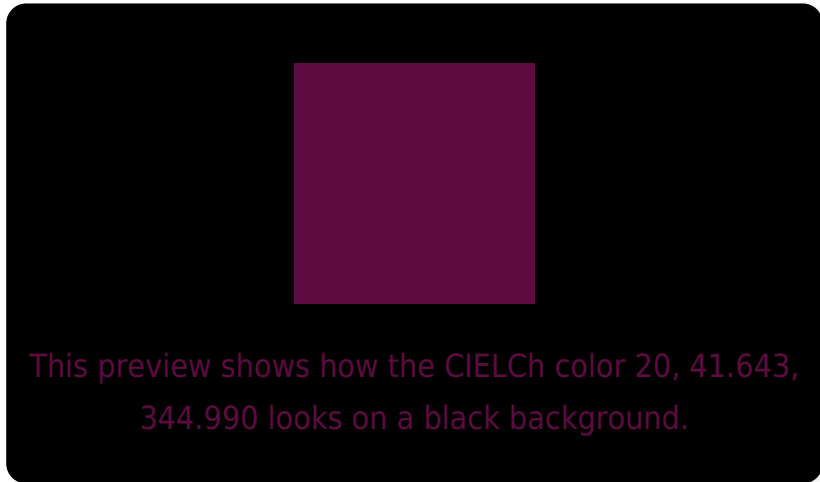
Large Text (above 18pt) WCAG AA ✓ Pass

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

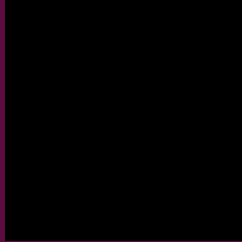
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 20, 41.643, 344.990

Background



This preview shows how black text looks on a background with the CIELCh color 20, 41.643, 344.990.



This preview shows how white text looks on a background with the CIELCh color 20, 41.643, 344.990.

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, 41.643, 344.990

Protanopia

21, 27.840, 284.554

Deuteranopia

21, 7.457, 295.189



Tritanopia
20, 33.208, 27.856

Trichromacy



Original Color
20, 41.643, 344.990

Protanomaly
19, 32.069, 308.379

Deuteranomaly
19, 21.925, 331.760

Tritanomaly
20, 34.000, 9.898

Monochromacy



Original Color
20, 41.643, 344.990

Achromatopsia
17, 0.003, 296.813

Achromatomaly
17, 18.746, 340.681

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 20, 41.643, 344.990 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(94, 11, 65)` looks like.

```
.text, #text, p{  
    color:rgb(94, 11, 65)  
}
```

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(94, 11, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 11, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 20, 41.643, 344.990 is called "border". The border property can be set on classes, ids or directly on the HTML element.

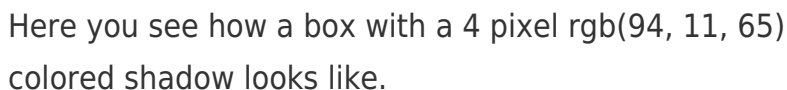
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(94, 11, 65) }
```

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

```
.border{ border-color:rgb(94, 11, 65) }
```

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



Here you see how a box with a 4 pixel `rgb(94, 11, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 11, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 11, 65);  
box-shadow:4px 4px 4px 4px rgb(94, 11, 65)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 20, 41.643, 344.990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 11, 65) }
```

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

```
.background{ background-color: rgb(94, 11,  
65) }
```

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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