

Converting Colors

CIELCh(20, 43.425, 25.745)

Have a look what the booklet for
CIELCh(20, 43.425, 25.745) contains.

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Color

CIELCh(20, 43.611, 25.823)

Conversions

Conversions Part 1

Format	Color
Hex	650817
RGB	101, 8, 23
RGB Percent	40%, 3%, 9%
CMY	0.6045, 0.9694, 0.9102
CMYK	0.00, 0.92, 0.77, 0.60
HSL	350°, 86%, 21%
HSV	350°, 92%, 40%
XYZ	5.5887, 2.9891, 1.0876
YIQ	37.5170, 50.6130, 24.3810

Conversions

Conversions Part 2

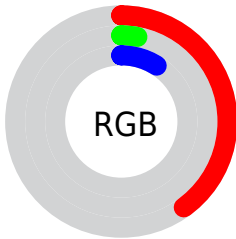
Format	Color
RYB	101, 8, 23
Decimal	6621207
CIELab	20.00, 39.26, 19.00
CIElCh	20, 43.611, 25.823
Yxy	2.9891, 0.5782, 0.3093
Android (android.graphics.Color)	4284811287 (0xFF650817)
YUV	37.5170, -7.1569, 55.6746
Hunter-Lab	17.2889, 27.4451, 8.3725

Details

The CIELCh color **20, 43.611, 25.823** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **38, 28.606, 176.882**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **40, 43.587, 25.571**, and **6, 26.393, 19.761** is the 20% darker color. If you saturate the color by 10%, you get **19, 46.667, 28.540**, and if you desaturate by 10%, it is **21, 39.639, 21.607**.

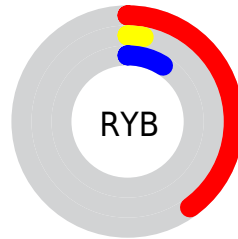
Distribution



Red (40%)

Green (3%)

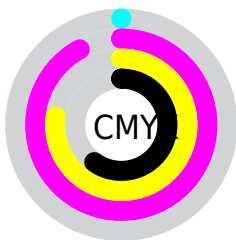
Blue (9%)



Red (40%)

Yellow (3%)

Blue (9%)

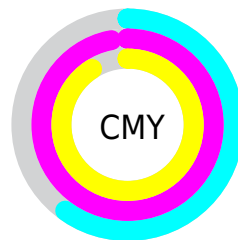


Cyan (0%)

Magenta (92%)

Yellow (77%)

Black (60%)



Cyan (60%)

Magenta (97%)

Yellow (91%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 20, 43.611, 25.823 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, 43.611, 25.823 by changing the saturation by 10% instead.

 20, 43.611, 25.823

 20, 43.611, 25.823

 100, 43.611,
25.823

 10, 43.611, 25.823

 40, 43.611, 25.823

 0, 43.611, 25.823

 50, 43.611, 25.823

 60, 43.611, 25.823

 70, 43.611, 25.823

 80, 43.611, 25.823

 90, 43.611, 25.823

 20, 43.611, 25.823

 20, 43.611, 25.823

19, 46.667, 28.540

21, 39.639, 21.607

23, 35.200, 18.045

25, 30.368, 15.161

27, 25.299, 12.853

30, 20.158, 10.999

33, 15.080, 9.492

36, 10.159, 8.246

39, 5.450, 7.185

42, 0.977, 6.041

Harmonies

Complementary

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



20, 43.611, 25.823



38, 28.606, 176.882

Rectangle

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



20, 43.611, 25.823



20, 43.611, 75.823



20, 43.611, 205.823



20, 43.611, 255.823

Sweetspot

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



20, 43.609, 25.825



44, 16.007, 9.035



20, 56.904, 322.319



21, 11.219, 9.453



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



20, 43.609, 25.825



26, 56.901, 30.464



24, 41.264, 50.368



19, 2.498, 6.856



23, 51.654, 29.693



51, 92.534, 33.084

Inverse Universe

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



20, 43.609, 25.825



26, 56.901, 30.464



28, 24.027, 255.783



19, 2.498, 6.856



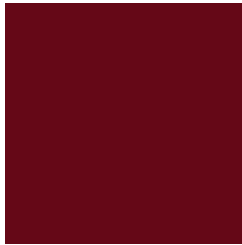
23, 51.654, 29.693



51, 92.534, 33.084

Previews

White Background



This preview shows how the CIELCh color 20, 43.611, 25.823 looks on a white background.

Color Contrast Check

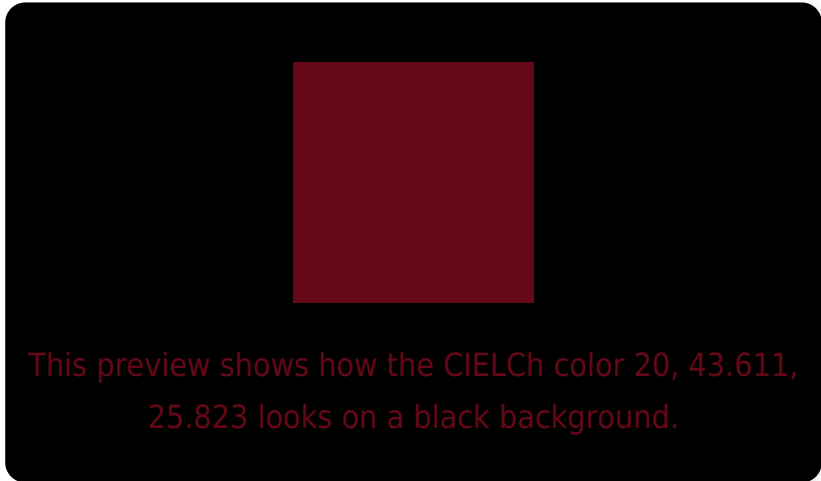
Large Text (above 18pt) WCAG AA ✓ Pass

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, 43.611, 25.823

Background



This preview shows how black text looks on a background with the CIELCh color 20, 43.611, 25.823.



This preview shows how white text looks on a background with the CIELCh color 20, 43.611, 25.823.

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, 43.611, 25.823

Protanopia

21, 11.006, 94.147

Deuteranopia

21, 22.614, 83.579



Tritanopia
20, 46.385, 35.543

Trichromacy



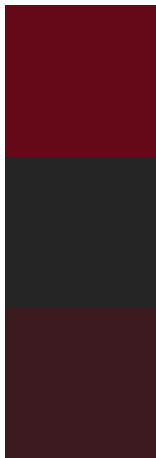
Original Color
20, 43.611, 25.823

Protanomaly
19, 20.080, 31.771

Deuteranomaly
19, 27.044, 45.504

Tritanomaly
20, 45.600, 32.626

Monochromacy



Original Color
20, 43.611, 25.823

Achromatopsia
15, 0.003, 296.813

Achromatomaly
14, 17.818, 11.773

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 20, 43.611, 25.823 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(101, 8, 23)` looks like.

```
.text, #text, p{  
    color:rgb(101, 8, 23)  
}
```

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(101, 8, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 8, 23) }
```

Border

The CSS property to change the border of an element to CIELCh 20, 43.611, 25.823 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(101, 8, 23) }
```

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

```
.border{ border-color:rgb(101, 8, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 8, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 8, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 8, 23);  
box-shadow:4px 4px 4px 4px rgb(101, 8, 23)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 20, 43.611, 25.823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 8, 23) }
```

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

```
.background{ background-color: rgb(101, 8,  
23) }
```

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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