

Converting Colors

CIELCh(20, 41.028, 350.152)

Have a look what the booklet for
CIELCh(20, 41.028, 350.152)
contains.

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Color

CIELCh(20, 41.265, 349.927)

Conversions

Conversions Part 1

Format	Color
Hex	60093C
RGB	96, 9, 60
RGB Percent	38%, 4%, 24%
CMY	0.6243, 0.9658, 0.7654
CMYK	0.00, 0.91, 0.38, 0.62
HSL	325°, 83%, 20%
HSV	325°, 91%, 38%
XYZ	5.7079, 2.9891, 4.5270
YIQ	40.8270, 35.4810, 34.3050

Conversions

Conversions Part 2

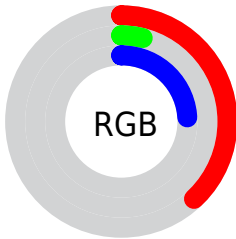
Format	Color
R _Y B	96, 9, 60
Decimal	6293820
CIE Lab	20.00, 40.63, -7.22
CIE LCh	20, 41.265, 349.927
Yxy	2.9891, 0.4316, 0.2260
Android (android.graphics.Color)	4284483900 (0xFF60093C)
YUV	40.8270, 9.4523, 48.3867
Hunter-Lab	17.2889, 28.6759, -3.4226

Details

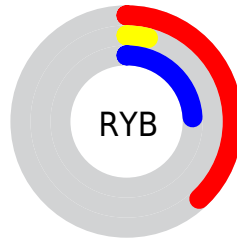
The CIELCh color **20, 41.265, 349.927** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **35, 42.803, 148.271**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **40, 41.064, 350.228**, and **6, 25.338, 3.228** is the 20% darker color. If you saturate the color by 10%, you get **19, 42.918, 351.839**, and if you desaturate by 10%, it is **21, 39.181, 347.887**.

Distribution



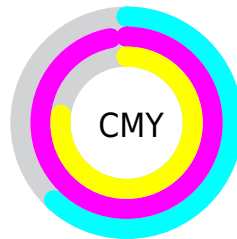
- Red (38%)
- Green (4%)
- Blue (24%)



- Red (38%)
- Yellow (4%)
- Blue (24%)



- Cyan (0%)
- Magenta (91%)
- Yellow (38%)
- Black (62%)





- Cyan (62%)
- Magenta (97%)
- Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 20, 41.265, 349.927 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, 41.265, 349.927 by changing the saturation by 10% instead.

 20, 41.265,
349.927


 20, 41.265,
349.927


 100, 41.265,
349.927


 10, 41.265,
349.927


 40, 41.265,
349.927

 0, 41.265, 349.927

 50, 41.265,
349.927

 60, 41.265,
349.927

 70, 41.265,
349.927

 80, 41.265,
349.927

 90, 41.265,

349.927

■ 20, 41.265,
349.927

■ 20, 41.265,
349.927

■ 19, 42.918,
351.839

■ 21, 39.181,
347.887

■ 23, 36.028,
346.212

■ 25, 31.975,
344.813

■ 27, 27.263,
343.616

■ 29, 22.122,
342.568

■ 32, 16.748,
341.632

■ 35, 11.288,
340.780

■ 37, 5.844, 339.988

■ 40, 0.485, 338.857

Harmonies

Complementary

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



20, 41.265, 349.927



35, 42.803, 148.271

Rectangle

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



20, 41.265, 349.927



20, 41.265, 39.927



20, 41.265, 169.927



20, 41.265, 219.927

Sweetspot

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



20, 41.263, 349.928



43, 18.194, 341.362



13, 57.155, 310.222



20, 12.362, 341.558



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, 41.263, 349.928



26, 51.532, 352.856



19, 42.720, 29.332



18, 3.028, 339.831



23, 47.811, 352.468



52, 82.704, 354.626

Inverse Universe

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



20, 41.263, 349.928



26, 51.532, 352.856



36, 25.690, 183.920



18, 3.028, 339.831



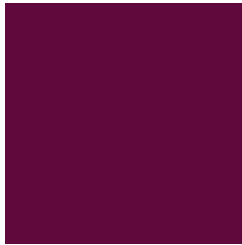
23, 47.811, 352.468



52, 82.704, 354.626

Previews

White Background



This preview shows how the CIELCh color 20, 41.265, 349.927 looks on a white background.

Color Contrast Check

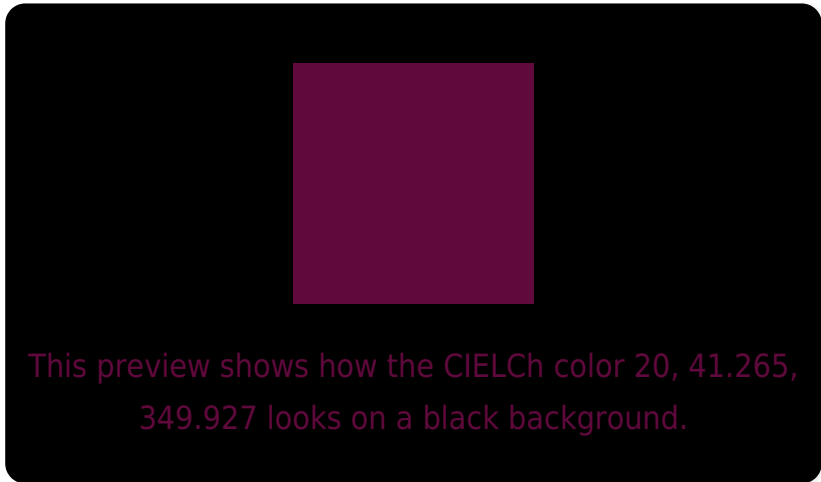
Large Text (above 18pt) WCAG AA ✓ Pass

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

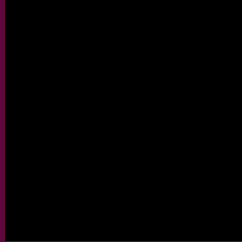
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 20, 41.265, 349.927

Background



This preview shows how black text looks on a background with the CIELCh color 20, 41.265, 349.927.



This preview shows how white text looks on a background with the CIELCh color 20, 41.265, 349.927.

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, 41.265, 349.927

Protanopia

21, 23.750, 285.035

Deuteranopia

21, 4.460, 315.032



Tritanopia
21, 35.760, 28.911

Trichromacy



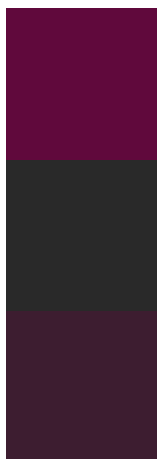
Original Color
20, 41.265, 349.927

Protanomaly
18, 29.282, 313.425

Deuteranomaly
19, 20.976, 340.106

Tritanomaly
20, 36.022, 13.534

Monochromacy



Original Color
20, 41.265, 349.927

Achromatopsia
17, 0.003, 296.813

Achromatomaly
16, 19.437, 343.031

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 20, 41.265, 349.927 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(96, 9, 60)` looks like.

```
.text, #text, p{  
    color:rgb(96, 9, 60)  
}
```

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(96, 9, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 9, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 20, 41.265, 349.927 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(96, 9, 60) }
```

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

```
.border{ border-color:rgb(96, 9, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 9, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 9, 60); -webkit-box-shadow:4px  
4px 4px 4px rgb(96, 9, 60); box-shadow:4px  
4px 4px 4px rgb(96, 9, 60) }
```

Background

The CSS property to change the background color of an element to CIELCh 20, 41.265, 349.927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 9, 60) }
```

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

```
.background{ background-color: rgb(96, 9,  
60) }
```

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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