

Converting Colors

CIELCh(21, 52.205, 327.286)

Have a look what the booklet for
CIELCh(21, 52.205, 327.286)
contains.

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Color

CIELCh(21, 52.221, 327.200)

Conversions

Conversions Part 1

Format	Color
Hex	5B0B5D
RGB	91, 11, 93
RGB Percent	36%, 4%, 36%
CMY	0.6435, 0.9574, 0.6356
CMYK	0.02, 0.88, 0.00, 0.64
HSL	299°, 79%, 20%
HSV	299°, 88%, 36%
XYZ	6.3965, 3.2451, 10.6265
YIQ	44.2680, 21.3580, 42.4620

Conversions

Conversions Part 2

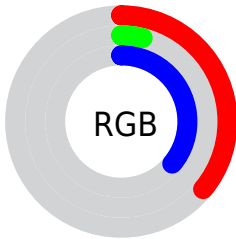
Format	Color
RYB	91, 11, 93
Decimal	5966685
CIELab	21.00, 43.90, -28.29
CIELCh	21, 52.221, 327.200
Yxy	3.2451, 0.3156, 0.1601
Android (android.graphics.Color)	4284156765 (0xFF5B0B5D)
YUV	44.2680, 24.0249, 40.9840
Hunter-Lab	18.0142, 31.8567, -22.3648

Details

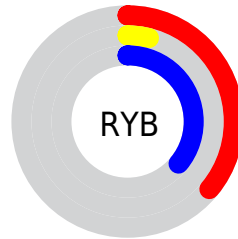
The CIELCh color **21, 52.221, 327.200** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **34, 53.494, 136.733**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **41, 52.572, 327.152**, and **7, 35.013, 326.035** is the 20% darker color. If you saturate the color by 10%, you get **20, 54.843, 327.312**, and if you desaturate by 10%, it is **22, 48.944, 327.040**.

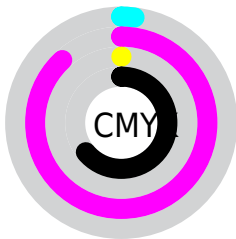
Distribution



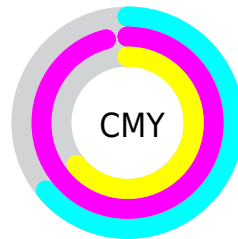
- Red (36%)
- Green (4%)
- Blue (36%)



- Red (36%)
- Yellow (4%)
- Blue (36%)



- Cyan (2%)
- Magenta (88%)
- Yellow (0%)
- Black (64%)





- Cyan (64%)
- Magenta (96%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 21, 52.221, 327.200 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, 52.221, 327.200 by changing the saturation by 10% instead.

 21, 52.221,
327.200


 21, 52.221,
327.200

 100, 52.221,
327.200


 11, 52.221,
327.200


 41, 52.221,
327.200


 1, 52.221, 327.200

 51, 52.221,
327.200

 0, 52.221, 327.200

 61, 52.221,
327.200

 71, 52.221,
327.200

 81, 52.221,
327.200

 91, 52.221,

327.200

■ 21, 52.221,
327.200

■ 21, 52.221,
327.200

■ 20, 54.843,
327.312

■ 22, 48.944,
327.040

■ 20, 55.305,
327.332

■ 23, 44.533,
326.792

■ 25, 39.174,
326.465

■ 27, 33.098,
326.076

■ 29, 26.537,
325.639

■ 32, 19.691,
325.170

■ 34, 12.720,
324.680

■ 37, 5.741, 324.174

■ 40, 1.164, 143.834

Harmonies

Complementary

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



21, 52.221, 327.200



34, 53.494, 136.733

Rectangle

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



21, 52.221, 327.200



21, 52.221, 17.200



21, 52.221, 147.200



21, 52.221, 197.200

Sweetspot

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



21, 52.220, 327.200



42, 22.316, 325.097



10, 55.395, 303.419



20, 15.243, 325.205



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



21, 52.220, 327.200



27, 66.194, 327.305



19, 38.954, 353.218



17, 3.839, 324.201



24, 62.126, 327.314



55, 109.513, 327.255

Inverse Universe

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



18, 42.134, 32.407



24, 57.337, 36.829



34, 38.978, 151.263



17, 2.233, 17.845



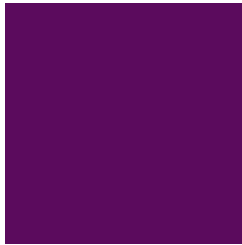
21, 53.177, 35.890



50, 97.999, 39.268

Previews

White Background



This preview shows how the CIE LCh color 21, 52.221, 327.200 looks on a white background.

Color Contrast Check

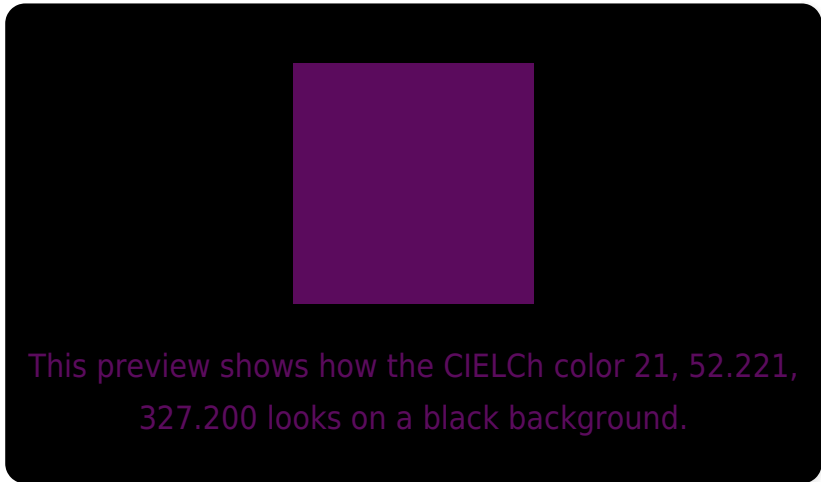
Large Text (above 18pt) WCAG AA ✓ Pass

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

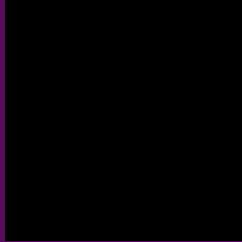
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 21, 52.221, 327.200

Background



This preview shows how black text looks on a background with the CIELCh color 21, 52.221, 327.200.



This preview shows how white text looks on a background with the CIELCh color 21, 52.221, 327.200.

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, 52.221, 327.200

Protanopia

22, 38.568, 284.323

Deuteranopia

22, 23.392, 278.150



Tritanopia
22, 24.201, 20.981

Trichromacy



Original Color
21, 52.221, 327.200

Protanomaly
18, 45.559, 299.028

Deuteranomaly
19, 34.995, 305.693

Tritanomaly
21, 31.265, 349.442

Monochromacy



Original Color
21, 52.221, 327.200

Achromatopsia
18, 0.003, 296.813

Achromatomaly
17, 23.738, 325.690

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 21, 52.221, 327.200 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(91, 11, 93)` looks like.

```
.text, #text, p{  
    color:rgb(91, 11, 93)  
}
```

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(91, 11, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 11, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 21, 52.221, 327.200 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(91, 11, 93) }
```

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

```
.border{ border-color:rgb(91, 11, 93) }
```

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

Here you see how a box with a 4 pixel rgb(91, 11, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 11, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 11, 93);  
box-shadow:4px 4px 4px 4px rgb(91, 11, 93)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 21, 52.221, 327.200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 11, 93) }
```

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

```
.background{ background-color: rgb(91, 11,  
93) }
```

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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