

Converting Colors

CIELCh(22, 58.032, 326.832)

Have a look what the booklet for
CIELCh(22, 58.032, 326.832)
contains.

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Color

CIELCh(22, 58.145, 326.718)

Conversions

Conversions Part 1

Format	Color
Hex	610265
RGB	97, 2, 101
RGB Percent	38%, 1%, 40%
CMY	0.6199, 0.9926, 0.6042
CMYK	0.04, 0.98, 0.00, 0.60
HSL	298°, 96%, 20%
HSV	298°, 98%, 40%
XYZ	7.2862, 3.5154, 12.5858
YIQ	41.6910, 24.8410, 50.9290

Conversions

Conversions Part 2

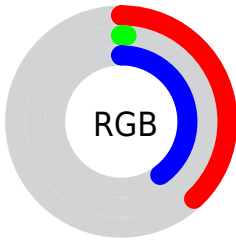
Format	Color
RYB	97, 2, 101
Decimal	6357605
CIELab	22.00, 48.61, -31.91
CIELCh	22, 58.145, 326.718
Yxy	3.5154, 0.3115, 0.1503
Android (android.graphics.Color)	4284547685 (0xFF610265)
YUV	41.6910, 29.2393, 48.5060
Hunter-Lab	18.7494, 36.5548, -26.6745

Details

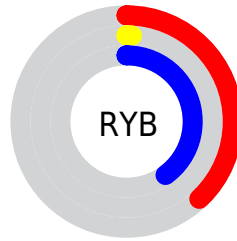
The CIELCh color **22, 58.145, 326.718** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **37, 59.806, 135.830**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **42, 58.423, 326.632**, and **8, 38.711, 324.549** is the 20% darker color. If you saturate the color by 10%, you get **22, 58.641, 326.732**, and if you desaturate by 10%, it is **23, 55.534, 326.655**.

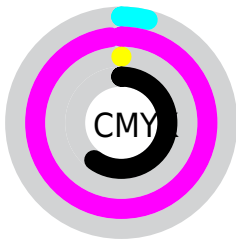
Distribution



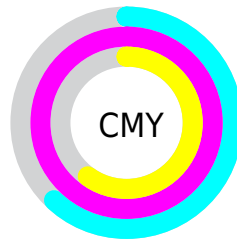
- Red (38%)
- Green (1%)
- Blue (40%)



- Red (38%)
- Yellow (1%)
- Blue (40%)



- Cyan (4%)
- Magenta (98%)
- Yellow (0%)
- Black (60%)




- Cyan (62%)
- Magenta (99%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 22, 58.145, 326.718 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 22, 58.145, 326.718 by changing the saturation by 10% instead.

 22, 58.145,
326.718

 22, 58.145,
326.718

 100, 58.145,
326.718

 12, 58.145,
326.718

 42, 58.145,
326.718


 2, 58.145, 326.718

 52, 58.145,
326.718

 0, 58.145, 326.718

 62, 58.145,
326.718

 72, 58.145,
326.718

 82, 58.145,
326.718

 92, 58.145,

326.718

■ 22, 58.145,
326.718

■ 22, 58.145,
326.718

■ 22, 58.641,
326.732

■ 23, 55.534,
326.655

■ 24, 52.080,
326.528

■ 26, 47.391,
326.303

■ 27, 41.674,
325.992

■ 30, 35.186,
325.613

■ 32, 28.179,
325.183

■ 35, 20.873,
324.718

■ 37, 13.438,
324.233

■ 40, 6.000, 323.731

Harmonies

Complementary

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



22, 58.145, 326.718



37, 59.806, 135.830

Rectangle

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



22, 58.145, 326.718



22, 58.145, 16.718



22, 58.145, 146.718



22, 58.145, 196.718

Sweetspot

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



22, 58.144, 326.718



44, 26.488, 324.798



10, 63.822, 304.782



21, 18.302, 324.943



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



22, 58.144, 326.718



29, 70.261, 326.690



20, 43.452, 354.647



20, 4.176, 323.772



25, 64.223, 326.709



56, 111.392, 326.617

Inverse Universe

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



19, 48.531, 34.016



26, 60.902, 36.900



37, 45.414, 148.493



19, 2.445, 16.563



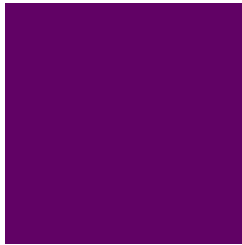
22, 54.872, 35.751



51, 99.014, 38.836

Previews

White Background



This preview shows how the CIELCh color 22, 58.145, 326.718 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



This preview shows how the CIE LCh color 22, 58.145, 326.718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

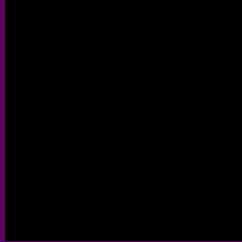
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 22, 58.145, 326.718

Background



This preview shows how black text looks on a background with the CIELCh color 22, 58.145, 326.718.



This preview shows how white text looks on a background with the CIELCh color 22, 58.145, 326.718.

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

22, 58.145, 326.718

Protanopia

23, 40.821, 284.910

Deuteranopia

24, 25.958, 277.163



Tritanopia
23, 25.094, 22.531

Trichromacy



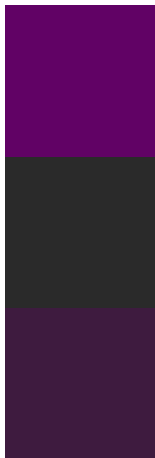
Original Color
22, 58.145, 326.718

Protanomaly
19, 50.575, 300.611

Deuteranomaly
20, 40.743, 305.864

Tritanomaly
22, 34.956, 348.530

Monochromacy



Original Color
22, 58.145, 326.718

Achromatopsia
17, 0.003, 296.813

Achromatomaly
16, 28.064, 326.196

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 22, 58.145, 326.718 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(97, 2, 101)` looks like.

```
.text, #text, p{  
    color:rgb(97, 2, 101)  
}
```

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(97, 2, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 2, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 22, 58.145, 326.718 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(97, 2, 101) }
```

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

```
.border{ border-color:rgb(97, 2, 101) }
```

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

Here you see how a box with a 4 pixel rgb(97, 2, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 2, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 2, 101);  
box-shadow:4px 4px 4px 4px rgb(97, 2, 101)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 22, 58.145, 326.718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 2, 101) }
```

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

```
.background{ background-color: rgb(97, 2,  
101) }
```

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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