

Converting Colors

CIELCh(14, 93.305, 326.415)

Have a look what the booklet for
CIELCh(14, 93.305, 326.415)
contains.

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Color

CIELCh(22, 63.215, 323.267)

Conversions

Conversions Part 1

Format	Color
Hex	5F006E
RGB	95, 0, 110
RGB Percent	37%, 0%, 43%
CMY	0.6279, 1.0000, 0.5689
CMYK	0.14, 1.00, 0.00, 0.57
HSL	292°, 100%, 22%
HSV	292°, 100%, 43%
XYZ	7.4996, 3.5154, 15.0138
YIQ	40.9450, 21.3100, 54.3500

Conversions

Conversions Part 2

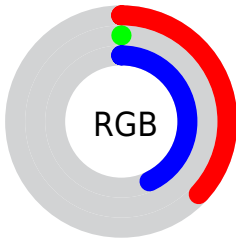
Format	Color
R_{YB}	95, 0, 110
Decimal	6226030
CIE _{Lab}	22.00, 50.66, -37.81
CIE _{LCh}	22, 63.215, 323.267
Yxy	3.5154, 0.2881, 0.1351
Android (android.graphics.Color)	4284416110 (0xFF5F006E)
YUV	40.9450, 34.0441, 47.4062
Hunter-Lab	18.7494, 38.5872, -34.3524

Details

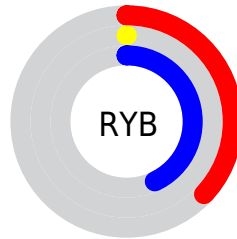
The CIELCh color **22, 63.215, 323.267** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **40, 63.486, 134.916**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **42, 62.870, 323.348**, and **8, 43.121, 319.307** is the 20% darker color. If you saturate the color by 10%, you get **22, 62.790, 323.211**, and if you desaturate by 10%, it is **23, 59.947, 323.341**.

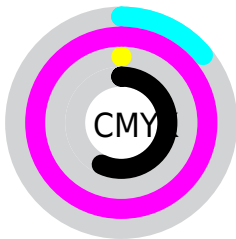
Distribution



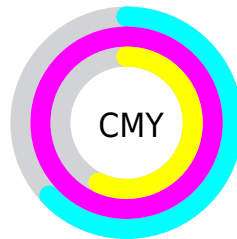
- Red (37%)
- Green (0%)
- Blue (43%)



- Red (37%)
- Yellow (0%)
- Blue (43%)



- Cyan (14%)
- Magenta (100%)
- Yellow (0%)
- Black (57%)





- Cyan (63%)
- Magenta (100%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 22, 63.215, 323.267 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, 63.215, 323.267 by changing the saturation by 10% instead.


 22, 63.215,
323.267


 22, 63.215,
323.267


 100, 63.215,
323.267


 12, 63.215,
323.267


 42, 63.215,
323.267


 2, 63.215, 323.267

 52, 63.215,
323.267

 0, 63.215, 323.267

 62, 63.215,
323.267

 72, 63.215,
323.267

 82, 63.215,
323.267

 92, 63.215,

323.267

■ 22, 63.215,
323.267

■ 22, 63.215,
323.267

■ 22, 62.790,
323.211

■ 23, 59.947,
323.341

■ 25, 56.335,
323.399

■ 26, 51.360,
323.306

■ 29, 45.276,
323.089

■ 31, 38.388,
322.778

■ 34, 30.978,
322.401

■ 37, 23.283,
321.982

■ 40, 15.479,
321.541

■ 43, 7.692, 321.086

Harmonies

Complementary

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



22, 63.215, 323.267



40, 63.486, 134.916

Rectangle

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



22, 63.215, 323.267



22, 63.215, 13.267



22, 63.215, 143.267



22, 63.215, 193.267

Sweetspot

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



22, 62.790, 323.211



47, 28.857, 322.017



13, 63.704, 302.791



22, 19.547, 322.150



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



22, 62.790, 323.211



30, 75.822, 323.082



23, 48.643, 347.465



22, 4.396, 321.041



25, 66.790, 323.165



53, 114.167, 322.887

Inverse Universe

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



21, 50.654, 30.932



29, 62.200, 32.663



40, 53.636, 143.869



22, 2.689, 8.849



24, 54.264, 31.667



52, 95.647, 34.698

Previews

White Background



This preview shows how the CIELCh color 22, 63.215, 323.267 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 CIELCh color 22, 63.215, 323.267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

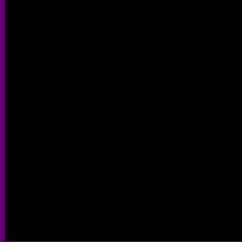
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 22, 63.215, 323.267

Background



This preview shows how black text looks on a background with the CIELCh color 22, 63.215, 323.267.



This preview shows how white text looks on a background with the CIELCh color 22, 63.215, 323.267.

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, 62.817, 323.228

Protanopia

24, 40.147, 284.102

Deuteranopia

24, 30.557, 273.440



Tritanopia
24, 21.813, 19.428

Trichromacy



Original Color
22, 62.817, 323.228

Protanomaly
19, 52.410, 300.833

Deuteranomaly
19, 46.048, 299.272

Tritanomaly
22, 35.586, 341.433

Monochromacy



Original Color
22, 62.817, 323.228

Achromatopsia
17, 0.003, 296.813

Achromatomaly
16, 30.243, 323.351

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 22, 63.215, 323.267 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(95, 0, 110)` looks like.

```
.text, #text, p{  
    color:rgb(95, 0, 110)  
}
```

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(95, 0, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 0, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 22, 63.215, 323.267 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(95, 0, 110) }
```

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

```
.border{ border-color:rgb(95, 0, 110) }
```

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

Here you see how a box with a 4 pixel rgb(95, 0, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 0, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 0, 110);  
box-shadow:4px 4px 4px 4px rgb(95, 0, 110)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 22, 63.215, 323.267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 0, 110) }
```

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

```
.background{ background-color: rgb(95, 0,  
110) }
```

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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