

Converting Colors

CIELCh(22, 92.503, 308.737)

Have a look what the booklet for
CIELCh(22, 92.503, 308.737)
contains.

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Color

CIELCh(22, 92.493, 308.747)

Conversions

Conversions Part 1

Format	Color
Hex	3601A4
RGB	54, 1, 164
RGB Percent	21%, 0%, 64%
CMY	0.7867, 0.9946, 0.3557
CMYK	0.67, 0.99, 0.00, 0.36
HSL	260°, 98%, 32%
HSV	260°, 99%, 64%
XYZ	8.2837, 3.5154, 35.5008
YIQ	35.4290, -20.7350, 61.9290

Conversions

Conversions Part 2

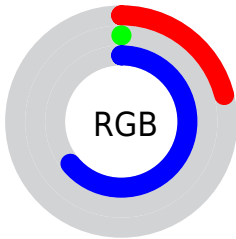
Format	Color
RYB	54, 1, 164
Decimal	3539364
CIELab	22.00, 57.89, -72.14
CIELCh	22, 92.493, 308.747
Yxy	3.5154, 0.1751, 0.0743
Android (android.graphics.Color)	4281729444 (0xFF3601A4)
YUV	35.4290, 63.3855, 16.2868
Hunter-Lab	18.7494, 46.0517, -99.1369

Details

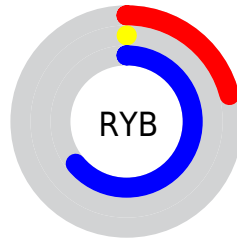
The CIELCh color **22, 92.493, 308.747** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **62, 73.834, 120.886**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **42, 92.179, 308.796**, and **10, 72.489, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **22, 92.934, 308.756**, and if you desaturate by 10%, it is **25, 87.159, 308.777**.

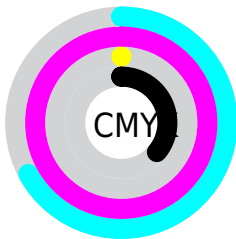
Distribution



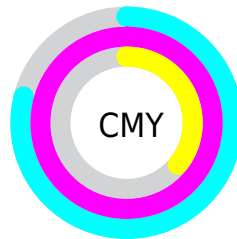
- Red (21%)
- Green (0%)
- Blue (64%)



- Red (21%)
- Yellow (0%)
- Blue (64%)



- Cyan (67%)
- Magenta (99%)
- Yellow (0%)
- Black (36%)




- Cyan (79%)
- Magenta (99%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 22, 92.493, 308.747 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, 92.493, 308.747 by changing the saturation by 10% instead.

 22, 92.493,
308.747

 22, 92.493,
308.747

 100, 92.493,
308.747

 12, 92.493,
308.747

 42, 92.493,
308.747


 2, 92.493, 308.747

 52, 92.493,
308.747

 0, 92.493, 308.747

 62, 92.493,
308.747

 72, 92.493,
308.747

 82, 92.493,
308.747

 92, 92.493,

308.747

■ 22, 92.493,
308.747

■ 22, 92.493,
308.747

■ 22, 92.934,
308.756

■ 25, 87.159,
308.777

■ 28, 79.644,
308.466

■ 32, 70.324,
307.837

■ 37, 60.066,
307.044

■ 42, 49.473,
306.199

■ 47, 38.897,
305.370

■ 52, 28.522,
304.595

■ 57, 18.436,
303.890

■ 63, 8.672, 303.259

Harmonies

Complementary

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



22, 92.493, 308.747



62, 73.834, 120.886

Rectangle

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



22, 92.493, 308.747



22, 92.493, 358.747



22, 92.493, 128.747



22, 92.493, 178.747

Sweetspot

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



22, 92.494, 308.748



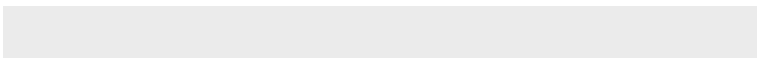
66, 36.486, 304.699



45, 35.858, 258.285



32, 25.005, 305.004



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



22, 92.494, 308.748



30, 113.474, 308.579



34, 84.305, 321.379



32, 5.322, 303.265



19, 84.844, 308.856



1, 8.130, 301.604

Inverse Universe

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



36, 65.430, 346.420



47, 79.518, 347.050



59, 84.501, 134.763



32, 4.987, 335.933



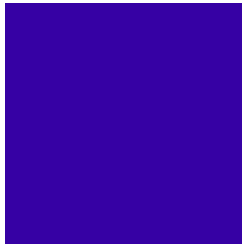
32, 59.997, 346.335



1, 7.390, 337.845

Previews

White Background



This preview shows how the CIE LCh color 22, 92.493, 308.747 looks on a white background.

Color Contrast Check

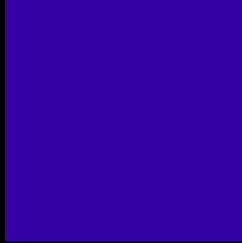
Large Text (above 18pt) WCAG AA ✓ Pass

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, 92.493, 308.747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

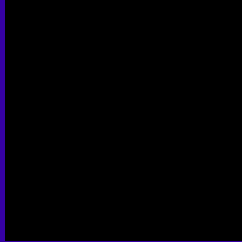
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 22, 92.493, 308.747

Background



This preview shows how black text looks on a background with the CIELCh color 22, 92.493, 308.747.



This preview shows how white text looks on a background with the CIELCh color 22, 92.493, 308.747.

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, 92.493, 308.747

Protanopia

23, 38.992, 283.590

Deuteranopia

23, 27.215, 268.746



Tritanopia
23, 17.795, 203.070

Trichromacy



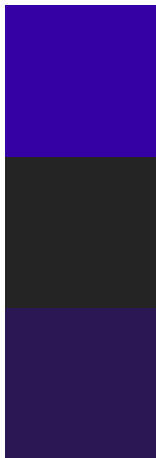
Original Color
22, 92.493, 308.747

Protanomaly
20, 63.549, 300.230

Deuteranomaly
19, 55.658, 298.295

Tritanomaly
18, 41.646, 293.265

Monochromacy



Original Color
22, 92.493, 308.747

Achromatopsia
14, 0.003, 296.813

Achromatomaly
14, 41.945, 307.880

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 22, 92.493, 308.747 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(54, 1, 164)` looks like.

```
.text, #text, p{  
    color:rgb(54, 1, 164)  
}
```

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(54, 1, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 1, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 22, 92.493, 308.747 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(54, 1, 164) }
```

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

```
.border{ border-color:rgb(54, 1, 164) }
```

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

Here you see how a box with a 4 pixel rgb(54, 1, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 1, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 1, 164);  
box-shadow:4px 4px 4px 4px rgb(54, 1, 164)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 22, 92.493, 308.747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 1, 164) }
```

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

```
.background{ background-color: rgb(54, 1,  
164) }
```

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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