

Converting Colors

CIELCh(53, 91.482, 322.171)

Have a look what the booklet for
CIELCh(53, 91.482, 322.171)
contains.

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Color

CIELCh(53, 91.640, 322.156)

Conversions

Conversions Part 1

Format	Color
Hex	C541E1
RGB	197, 65, 225
RGB Percent	77%, 25%, 88%
CMY	0.2280, 0.7456, 0.1181
CMYK	0.12, 0.71, 0.00, 0.12
HSL	289°, 73%, 57%
HSV	289°, 71%, 88%
XYZ	38.4468, 21.0462, 73.1783
YIQ	122.7080, 27.3120, 77.7440

Conversions

Conversions Part 2

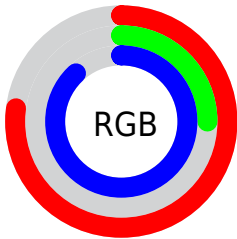
Format	Color
R _{YB}	197, 65, 225
Decimal	12927457
CIE Lab	53.00, 72.37, -56.22
CIE LCh	53, 91.640, 322.156
Yxy	21.0462, 0.2898, 0.1586
Android (android.graphics.Color)	4291117537 (0xFFC541E1)
YUV	122.7080, 50.4300, 65.1541
Hunter-Lab	45.8761, 69.3100, -62.4619

Details

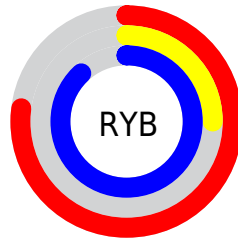
The CIELCh color **53, 91.640, 322.156** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **80, 90.644, 135.128**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 79.526, 327.122**, and **35, 86.250, 321.543** is the 20% darker color. If you saturate the color by 10%, you get **50, 99.411, 322.124**, and if you desaturate by 10%, it is **57, 81.509, 322.015**.

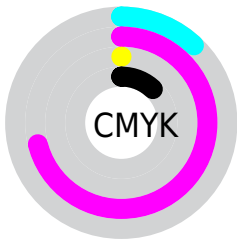
Distribution



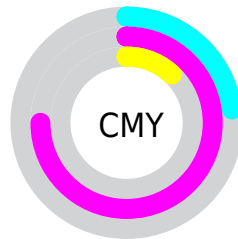
- Red (77%)
- Green (25%)
- Blue (88%)



- Red (77%)
- Yellow (25%)
- Blue (88%)



- Cyan (12%)
- Magenta (71%)
- Yellow (0%)
- Black (12%)





- Cyan (23%)
- Magenta (75%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 91.640, 322.156 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 53, 91.640, 322.156 by changing the saturation by 10% instead.


 53, 91.640,
322.156


 53, 91.640,
322.156


 100, 91.640,
322.156


 43, 91.640,
322.156


 73, 91.640,
322.156

 33, 91.640,
322.156

 83, 91.640,
322.156

 23, 91.640,
322.156

 93, 91.640,
322.156

 13, 91.640,
322.156

 3, 91.640, 322.156

 0, 91.640, 322.156

■ 53, 91.640,
322.156

■ 53, 91.640,
322.156

■ 50, 99.411,
322.124

■ 57, 81.509,
322.015

■ 48, 104.399,
321.883

■ 61, 69.634,
321.743

■ 47, 106.751,
321.512

■ 66, 56.626,
321.379

■ 71, 42.991,
320.958

■ 77, 29.111,
320.507

■ 83, 15.248,
320.042

■ 89, 1.572, 319.457

■ 95, 11.812,
139.190

■ 98, 17.412,
136.888

Harmonies

Complementary

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



53, 91.640, 322.156



80, 90.644, 135.128

Rectangle

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



53, 91.640, 322.156



53, 91.640, 12.156



53, 91.640, 142.156



53, 91.640, 192.156

Sweetspot

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



53, 91.638, 322.156



86, 31.999, 320.507



45, 77.113, 295.342



44, 21.685, 320.634



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



53, 91.638, 322.156



55, 112.146, 322.044



55, 74.795, 341.401



44, 7.737, 319.962



36, 88.837, 321.614



6, 35.521, 322.265

Inverse Universe

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



52, 66.296, 18.400



55, 85.178, 24.656



80, 76.366, 146.918



44, 4.846, 5.979



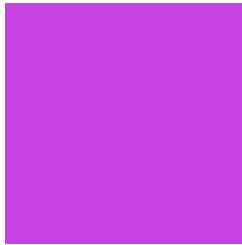
37, 71.388, 31.063



6, 25.285, 13.536

Previews

White Background



This preview shows how the CIELCh color 53, 91.640, 322.156 looks on a white background.

Color Contrast Check

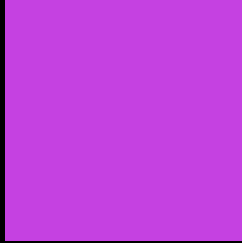
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 53, 91.640, 322.156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

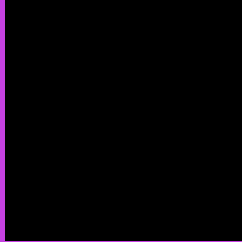
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 91.640, 322.156

Background



This preview shows how black text looks on a background with the CIELCh color 53, 91.640, 322.156.

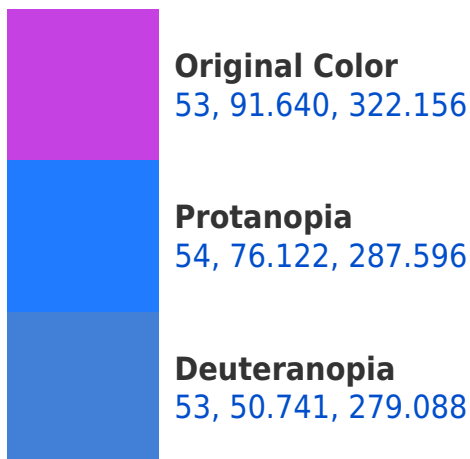


This preview shows how white text looks on a background with the CIELCh color 53, 91.640, 322.156.

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





Tritanopia
53, 33.434, 17.029

Trichromacy



Original Color
53, 91.640, 322.156



Protanomaly
50, 82.168, 297.968



Deuteranomaly
50, 65.753, 299.602



Tritanomaly
52, 49.229, 341.326

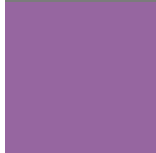
Monochromacy



Original Color
53, 91.640, 322.156



Achromatopsia
52, 0.007, 296.813



Achromatomaly
50, 37.924, 321.221

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 91.640, 322.156 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(197, 65, 225)` looks like.

```
.text, #text, p{  
    color:rgb(197, 65, 225)  
}
```

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(197, 65, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 65, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 91.640, 322.156 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(197, 65, 225) }
```

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

```
.border{ border-color:rgb(197, 65, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 65, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 65, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 65, 225);  
box-shadow:4px 4px 4px 4px rgb(197, 65,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 91.640, 322.156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 65, 225) }
```

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

```
.background{ background-color: rgb(197, 65,  
225) }
```

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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