

Converting Colors

CIELCh(55, 84.979, 330.022)

Have a look what the booklet for
CIELCh(55, 84.979, 330.022)
contains.

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Color

CIELCh(55, 85.019, 329.993)

Conversions

Conversions Part 1

Format	Color
Hex	D941CF
RGB	217, 65, 207
RGB Percent	85%, 25%, 81%
CMY	0.1503, 0.7465, 0.1895
CMYK	0.00, 0.70, 0.05, 0.15
HSL	304°, 66%, 55%
HSV	304°, 70%, 85%
XYZ	41.6108, 22.9298, 61.0643
YIQ	126.6360, 45.0100, 76.3860

Conversions

Conversions Part 2

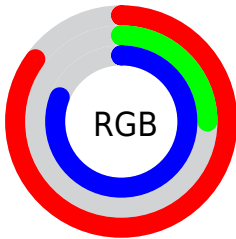
Format	Color
R _{YB}	217, 65, 207
Decimal	14238159
CIE _{Lab}	55.00, 73.62, -42.52
CIE _{LCh}	55, 85.019, 329.993
Yxy	22.9298, 0.3313, 0.1826
Android (android.graphics.Color)	4292428239 (0xFFD941CF)
YUV	126.6360, 39.6195, 79.2492
Hunter-Lab	47.8851, 71.3123, -42.0885

Details

The CIELCh color **55, 85.019, 329.993** 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 **77, 87.291, 139.533**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 78.997, 327.105**, and **37, 78.470, 329.782** is the 20% darker color. If you saturate the color by 10%, you get **53, 91.510, 330.392**, and if you desaturate by 10%, it is **58, 76.155, 329.545**.

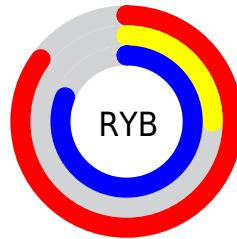
Distribution



Red (85%)

Green (25%)

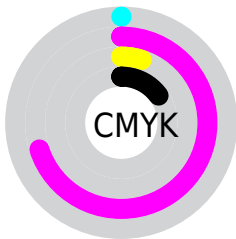
Blue (81%)



Red (85%)

Yellow (25%)

Blue (81%)

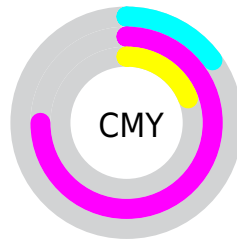


Cyan (0%)

Magenta (70%)

Yellow (5%)

Black (15%)



Cyan (15%)


Magenta (75%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 85.019, 329.993 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 55, 85.019, 329.993 by changing the saturation by 10% instead.


 55, 85.019,
329.993


 55, 85.019,
329.993


 100, 85.019,
329.993


 45, 85.019,
329.993


 75, 85.019,
329.993

 35, 85.019,
329.993

 85, 85.019,
329.993

 25, 85.019,
329.993

 95, 85.019,
329.993

 15, 85.019,
329.993

 5, 85.019, 329.993

 0, 85.019, 329.993

■ 55, 85.019,
329.993

■ 55, 85.019,
329.993

■ 53, 91.510,
330.392

■ 58, 76.155,
329.545

■ 51, 95.388,
330.744

■ 62, 65.402,
329.051

■ 51, 97.013,
331.061

■ 66, 53.304,
328.520


■ 71, 40.372,
327.963

■ 76, 27.024,
327.391

■ 81, 13.570,
326.809

■ 86, 0.226, 324.983

■ 92, 12.870,
145.739

 97, 22.801,
145.539

Harmonies

Complementary

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



55, 85.019, 329.993



77, 87.291, 139.533

Rectangle

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



55, 85.019, 329.993



55, 85.019, 19.993



55, 85.019, 149.993



55, 85.019, 199.993

Sweetspot

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



55, 85.016, 329.993



87, 32.125, 327.450



38, 90.789, 302.622



45, 21.745, 327.610



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



55, 85.016, 329.993



61, 105.876, 330.559



52, 64.161, 356.387



42, 7.504, 326.765



40, 81.332, 331.013



6, 31.416, 330.282

Inverse Universe

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



55, 85.016, 329.993



61, 105.876, 330.559



78, 59.577, 157.809



42, 7.504, 326.765



40, 81.332, 331.013



6, 31.416, 330.282

Previews

White Background



This preview shows how the CIELCh color 55, 85.019, 329.993 looks on a white background.

Color Contrast Check

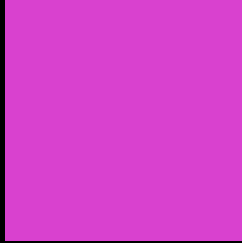
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 55, 85.019, 329.993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

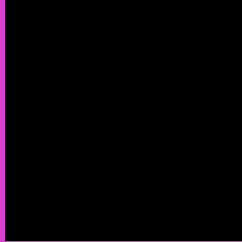
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 85.019, 329.993

Background



This preview shows how black text looks on a background with the CIELCh color 55, 85.019, 329.993.



This preview shows how white text looks on a background with the CIELCh color 55, 85.019, 329.993.

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
55, 85.019, 329.993

Protanopia
56, 72.793, 287.469

Deuteranopia
55, 37.794, 281.900



Tritanopia
55, 46.449, 20.962

Trichromacy



Original Color
55, 85.019, 329.993



Protanomaly
52, 76.155, 300.456



Deuteranomaly
53, 55.030, 308.243



Tritanomaly
54, 54.734, 353.729

Monochromacy



Original Color
55, 85.019, 329.993



Achromatopsia
53, 0.007, 296.813



Achromatomaly
51, 35.737, 328.387

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 85.019, 329.993 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(217, 65, 207)` looks like.

```
.text, #text, p{  
    color:rgb(217, 65, 207)  
}
```

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(217, 65, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 65, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 85.019, 329.993 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(217, 65, 207) }
```

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

```
.border{ border-color:rgb(217, 65, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 65, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 65, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 65, 207);  
box-shadow:4px 4px 4px 4px rgb(217, 65,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 85.019, 329.993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 65, 207) }
```

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

```
.background{ background-color: rgb(217, 65,  
207) }
```

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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