

Converting Colors

CIELCh(69, 56.063, 326.726)

Have a look what the booklet for
CIELCh(69, 56.063, 326.726)
contains.

CIELCh(69, 55.989, 326.537)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(69, 55.989, 326.537)

Conversions

Conversions Part 1

Format	Color
Hex	E189E1
RGB	225, 137, 225
RGB Percent	88%, 54%, 88%
CMY	0.1176, 0.4627, 0.1176
CMYK	0.00, 0.39, 0.00, 0.12
HSL	300°, 59%, 71%
HSV	300°, 39%, 88%
XYZ	53.5988, 39.3444, 76.0163
YIQ	173.3440, 24.2000, 46.0240

Conversions

Conversions Part 2

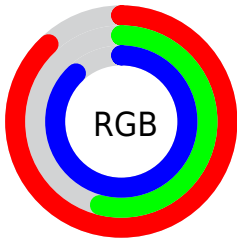
Format	Color
R _Y B	225, 137, 225
Decimal	14780897
CIE _{Lab}	69.00, 46.71, -30.87
CIE _{LCh}	69, 55.989, 326.537
Y _{xy}	39.3444, 0.3172, 0.2329
Android (android.graphics.Color)	4292970977 (0xFFE189E1)
Y _{UV}	173.3440, 25.4664, 45.3023
Hunter-Lab	62.7251, 42.7599, -27.9458

Details

The CIELCh color **69, 55.989, 326.537** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **82, 56.089, 141.481**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 39.507, 325.796**, and **49, 55.931, 326.665** is the 20% darker color. If you saturate the color by 10%, you get **65, 69.115, 327.008**, and if you desaturate by 10%, it is **74, 42.005, 326.023**.

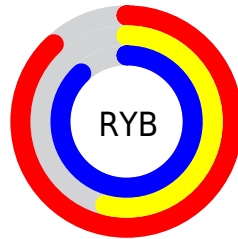
Distribution



Red (88%)

Green (54%)

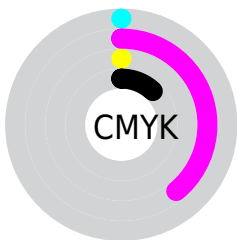
Blue (88%)



Red (88%)

Yellow (54%)

Blue (88%)

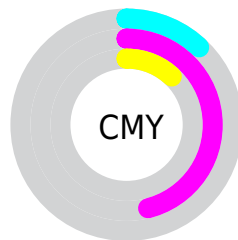


Cyan (0%)

Magenta (39%)

Yellow (0%)

Black (12%)



Cyan (12%)


Magenta (46%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 55.989, 326.537 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 69, 55.989, 326.537 by changing the saturation by 10% instead.


 69, 55.989,
326.537


 69, 55.989,
326.537


 100, 55.989,
326.537


 59, 55.989,
326.537


 89, 55.989,
326.537

 49, 55.989,
326.537

 99, 55.989,
326.537

 39, 55.989,
326.537

 29, 55.989,
326.537

 19, 55.989,
326.537

 9, 55.989, 326.537

 0, 55.989, 326.537

69, 55.989,
326.537

69, 55.989,
326.537

65, 69.115,
327.008

74, 42.005,
326.023

61, 80.862,
327.419

79, 27.602,
325.481

58, 90.667,
327.754

84, 13.104,
324.921

56, 98.041,
328.001

90, 1.265, 144.618

54, 102.725,
328.155

96, 15.356,
143.877

53, 104.984,
328.229

97, 18.726,
143.746

53, 105.142,
328.234

97, 18.726,
143.746

97, 18.726,
143.747

■ 97, 18.726,
143.747

Harmonies

Complementary

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



69, 55.989, 326.537



82, 56.089, 141.481

Rectangle

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



69, 55.989, 326.537



69, 55.989, 16.537



69, 55.989, 146.537



69, 55.989, 196.537

Sweetspot

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



69, 55.986, 326.537



93, 19.141, 325.090



60, 49.614, 295.416



48, 12.704, 325.164



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 55.986, 326.537



73, 73.490, 326.928



67, 40.341, 347.538



44, 8.154, 324.940



42, 87.488, 328.234



8, 35.925, 328.230

Inverse Universe

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



69, 55.986, 326.537



73, 73.490, 326.928



83, 38.504, 159.790



44, 8.154, 324.940



42, 87.488, 328.234



8, 35.925, 328.230

Previews

White Background



This preview shows how the CIELCh color 69, 55.989, 326.537 looks on a white background.

Color Contrast Check

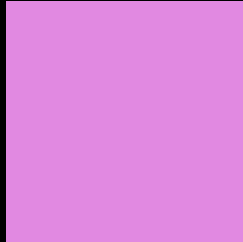
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 69, 55.989, 326.537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

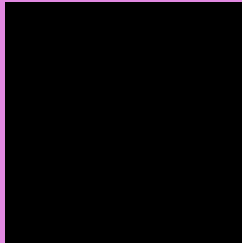
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 55.989, 326.537

Background



This preview shows how black text looks on a background with the CIELCh color 69, 55.989, 326.537.



This preview shows how white text looks on a background with the CIELCh color 69, 55.989, 326.537.

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
69, 55.989, 326.537

Protanopia
69, 45.207, 285.716

Deuteranopia
69, 29.696, 288.091



Tritanopia
69, 27.124, 8.308

Trichromacy



Original Color
69, 55.989, 326.537



Protanomaly
68, 47.241, 301.079



Deuteranomaly
69, 38.139, 307.315



Tritanomaly
69, 35.254, 345.032

Monochromacy



Original Color
69, 55.989, 326.537



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 21.151, 325.336

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 55.989, 326.537 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(225, 137, 225)` looks like.

```
.text, #text, p{  
    color:rgb(225, 137, 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(225, 137, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 137, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 55.989, 326.537 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(225, 137, 225) }
```

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

```
.border{ border-color:rgb(225, 137, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 137, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 137, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 137, 225); box-shadow:4px 4px 4px 4px rgb(225, 137, 225) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 55.989, 326.537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 137, 225) }
```

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

```
.background{ background-color: rgb(225,  
137, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor