

Converting Colors

HunterLab(55.3957, 96.9154,
-65.4275)

Have a look what the booklet for
HunterLab(55.3957, 96.9154,
-65.4275) contains.

| | |
|--|----|
| HunterLab(55.3701, 96.8725, -65.4907) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**HunterLab(55.3701, 96.8725,
-65.4907)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FE33FF |
| RGB | 254, 51, 255 |
| RGB Percent | 100%, 20%, 100% |
| CMY | 0.0039, 0.8000, 0.0000 |
| CMYK | 0.00, 0.80, 0.00, 0.00 |
| HSL | 300°, 100%, 60% |
| HSV | 300°, 80%, 100% |
| XYZ | 60.1069, 30.6585, 97.3574 |
| YIQ | 134.9530, 55.5040, 106.4800 |

Conversions

Conversions Part 2

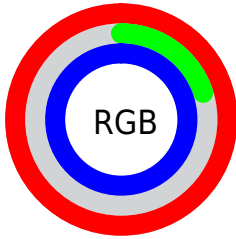
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 254, 51, 255 |
| Decimal | 16659455 |
| CIE _{Lab} | 62.22, 92.02, -57.82 |
| CIE _{LCh} | 62, 108.678, 327.859 |
| Yxy | 30.6599, 0.3195, 0.1630 |
| Android (android.graphics.Color) | 4294849535 (0xFFFE33FF) |
| YUV | 134.9530, 59.1832, 104.4042 |
| Hunter-Lab | 55.3701, 96.8725, -65.4907 |

Details

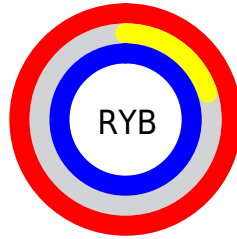
The HunterLab color **55.3701, 96.8725, -65.4907** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **85.1407, -69.8009, 49.0593**, and the grayscale version is **48.9636, -2.6126, 2.6603**.

A 20% lighter version of the original color is **65.1146, 67.6608, -44.8372**, and **39.2029, 77.4188, -54.3774** is the 20% darker color. If you saturate the color by 10%, you get **53.8377, 102.1845, -69.2255**, and if you desaturate by 10%, it is **57.9262, 88.4168, -59.5934**.

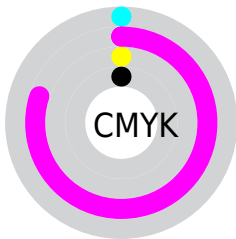
Distribution



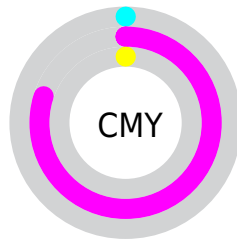
- Red (100%)
- Green (20%)
- Blue (100%)



- Red (100%)
- Yellow (20%)
- Blue (100%)



- Cyan (0%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 55.3701, 96.8725, -65.4907 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 HunterLab color 55.3701, 96.8725, -65.4907 by changing the saturation by 10% instead.


 55.3701, 96.8725,
-65.4907


 55.3701, 96.8725,
-65.4907


174.6334,
118.4004, -72.2495


 45.0999, 94.2544,
-65.0443


 77.9129, 102.1289,
-66.8684


 35.5562, 91.7742,
-64.9613


 90.1096, 104.6887,
-67.6603

 26.8007, 89.6505,
-65.5615


 102.8837,
107.1771, -68.4689

 18.9121, 88.3871,
-67.5516

 116.2101,
109.5864, -69.2738

 11.9987, 89.3309,
-72.7750

 130.0669,
111.9134, -70.0615

 4.9569, 127.1719,
-112.1893

144.4345,

0.0000, INF, -NF

114.1574, -70.8234

0.0000, NaN, -NF

159.2952,
116.3192, -71.5540

■ 55.3701, 96.8725,
-65.4907

■ 55.3701, 96.8725,
-65.4907

■ 53.8377, 102.1845,
-69.2255

■ 57.9262, 88.4168,
-59.5934

■ 53.1454, 104.5968,
-70.9671

■ 61.5170, 77.3758,
-51.9217

■ 53.1451, 104.5977,
-70.9677

■ 66.0857, 64.5537,
-43.0272

■ 71.5346, 50.7326,
-33.4463

■ 77.7522, 36.5167,
-23.5933

■ 84.6311, 22.3025,
-13.7396

■ 92.0754, 8.3145,
-4.0386

100.0000, -5.3358,
5.4332

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.3714, 46.2095, -140.7484



55.3701, 96.8725, -65.4907



55.3714, 120.2057, -0.3127

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.3714, 96.8697, -65.4877



55.3714, 0.4775, 38.7599



55.3714, -62.5589, -54.4848

Complementary

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



55.3701, 96.8725, -65.4907



85.1407, -69.8009, 49.0593

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



55.3714, -67.6363, 6.1463



55.3701, 96.8725, -65.4907



55.3714, -39.3355, 37.9221

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.3714, 96.8697, -65.4877



55.3714, 54.1341, 37.6142



55.3714, -60.7944, 32.0953



55.3714, -43.4730, -131.4463

Rectangle

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



55.3701, 96.8725, -65.4907



55.3714, 112.7518, 23.5062



55.3714, -60.7944, 32.0953



55.3714, -65.6088, -30.5775

Sweetspot

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



55.3714, 96.8697, -65.4877



81.8033, 27.9772, -17.6739



32.5591, 56.8034, -151.2229



36.7194, 15.2897, -9.8031

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.3714, 96.8697, -65.4877



53.3619, 103.8473, -70.4186



51.0321, 80.1953, -3.9020



42.7734, 3.5328, -1.6507



38.4190, 75.6131, -51.2923



11.9940, 23.6026, -15.9896

Inverse Universe

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



48.8638, 71.7299, 27.4219



46.3751, 78.2458, 29.5256



86.2632, -62.8123, 32.3375



42.4129, 1.5876, 3.5676



33.3330, 57.0899, 21.4913



10.4034, 17.8227, 6.6715

Previews

White Background



This preview shows how the HunterLab color 55.3701, 96.8725, -65.4907 looks on a white background.

Color Contrast Check

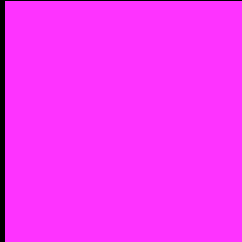
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 55.3701, 96.8725, -65.4907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

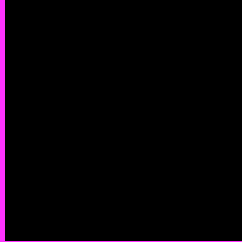
Any Text WCAG AA ✓ Pass

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](#).

HunterLab 55.3701, 96.8725, -65.4907 Background



This preview shows how black text looks on a background with the HunterLab color 55.3701, 96.8725, -65.4907.



This preview shows how white text looks on a background with the HunterLab color 55.3701, 96.8725, -65.4907.

-65.4907.

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

55.3701, 96.8725, -65.4907

Protanopia

55.5988, 11.7412, -66.4236

Deuteranopia

55.7501, 4.8330, -54.0655



Tritanopia

55.0789, 46.5691, 16.9683

Trichromacy



Original Color

55.3701, 96.8725, -65.4907



Protanomaly

50.9671, 43.0137, -77.8985



Deuteranomaly

50.8762, 38.2658, -69.5884

Tritanomaly

53.7024, 64.5411, -6.1420

Monochromacy



Original Color

55.3701, 96.8725, -65.4907



Achromatopsia

49.2221, -2.6264, 2.6743



Achromatomaly

47.5608, 34.7925, -23.2496

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.3701, 96.8725, -65.4907 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(254, 51, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 51, 255)  
}
```

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(254, 51, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 51, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 55.3701, 96.8725, -65.4907 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(254, 51, 255) }
```


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

```
.border{ border-color:rgb(254, 51, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 51, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 51, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 51, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 51,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.3701, 96.8725, -65.4907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 51, 255) }
```

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

```
.background{ background-color: rgb(254, 51,  
255) }
```

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