

Converting Colors

CIELCh(55, 20.910, 329.144)

Have a look what the booklet for
CIELCh(55, 20.910, 329.144)
contains.

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Color

CIELCh(55, 20.935, 329.151)

Conversions

Conversions Part 1

Format	Color
Hex	9B7996
RGB	155, 121, 150
RGB Percent	61%, 47%, 59%
CMY	0.3941, 0.5236, 0.4098
CMYK	0.00, 0.21, 0.03, 0.39
HSL	307°, 14%, 54%
HSV	307°, 21%, 61%
XYZ	25.8639, 22.9298, 32.1279
YIQ	134.4720, 10.9550, 16.2270

Conversions

Conversions Part 2

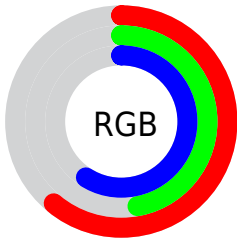
Format	Color
R_{YB}	155, 121, 150
Decimal	10189206
CIE Lab	55.00, 17.97, -10.73
CIE LCh	55, 20.935, 329.151
Yxy	22.9298, 0.3196, 0.2834
Android (android.graphics.Color)	4288379286 (0xFF9B7996)
YUV	134.4720, 7.6553, 18.0031
Hunter-Lab	47.8851, 12.6132, -6.2602

Details

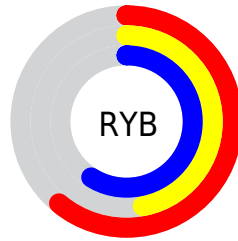
The CIELCh color $55, 20.935, 329.151$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $61, 20.891, 146.521$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 20.869, 330.423$, and $35, 21.019, 329.853$ is the 20% darker color. If you saturate the color by 10%, you get $51, 30.688, 329.746$, and if you desaturate by 10%, it is $59, 11.097, 328.557$.

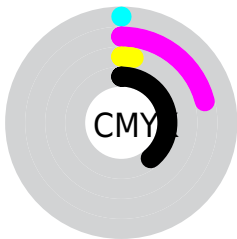
Distribution



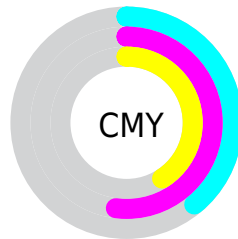
- Red (61%)
- Green (47%)
- Blue (59%)



- Red (61%)
- Yellow (47%)
- Blue (59%)



- Cyan (0%)
- Magenta (21%)
- Yellow (3%)
- Black (39%)





- Cyan (39%)
- Magenta (52%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 20.935, 329.151 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, 20.935, 329.151 by changing the saturation by 10% instead.


 55, 20.935,
329.151


 55, 20.935,
329.151


 100, 20.935,
329.151


 45, 20.935,
329.151


 75, 20.935,
329.151

 35, 20.935,
329.151

 85, 20.935,
329.151

 25, 20.935,
329.151

 95, 20.935,
329.151

 15, 20.935,
329.151

 5, 20.935, 329.151

 0, 20.935, 329.151

55, 20.935,
329.151

55, 20.935,
329.151

51, 30.688,
329.746

59, 11.097,
328.557

48, 40.140,
330.338

63, 1.334, 327.829

67, 8.257, 147.481

44, 48.992,
330.923

72, 17.618,
146.932

41, 56.876,
331.496

76, 26.716,
146.418

39, 63.393,
332.056

81, 35.540,
145.930

37, 68.184,
332.607


85, 44.090,
145.470

36, 71.041,
333.163

89, 52.375,
145.035

35, 72.379,

333.651

 92, 57.283,
144.971

Harmonies

Complementary

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



55, 20.935, 329.151



61, 20.891, 146.521

Rectangle

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



55, 20.935, 329.151



55, 20.935, 19.151



55, 20.935, 149.151



55, 20.935, 199.151

Sweetspot

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



55, 20.933, 329.151



78, 7.246, 328.236



52, 19.265, 296.666



41, 4.846, 328.274



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



55, 20.933, 329.151



68, 31.615, 329.457



54, 15.080, 352.489



30, 5.465, 328.428



32, 67.491, 333.599



1, 5.824, 328.296

Inverse Universe

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



55, 20.933, 329.151



68, 31.615, 329.457



61, 14.432, 168.502



30, 5.465, 328.428



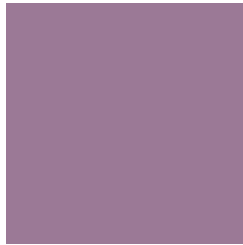
32, 67.491, 333.599



1, 5.824, 328.296

Previews

White Background



This preview shows how the CIELCh color 55, 20.935, 329.151 looks on a white background.

Color Contrast Check

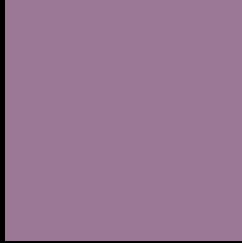
Large Text (above 18pt) WCAG AA ✓ Pass

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 55, 20.935, 329.151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

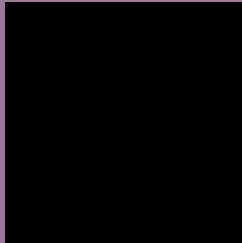
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 20.935, 329.151

Background



This preview shows how black text looks on a background with the CIELCh color 55, 20.935, 329.151.



This preview shows how white text looks on a background with the CIELCh color 55, 20.935, 329.151.

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, 21.163, 330.032

Protanopia

55, 14.971, 286.426

Deuteranopia

55, 12.605, 307.212



Tritanopia
55, 12.597, 353.866

Trichromacy



Original Color
55, 21.163, 330.032

Protanomaly
55, 15.943, 304.049

Deuteranomaly
55, 15.306, 316.648

Tritanomaly
55, 15.333, 341.769

Monochromacy



Original Color
55, 21.163, 330.032

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 7.890, 327.213

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 20.935, 329.151 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(155, 121, 150)` looks like.

```
.text, #text, p{  
    color:rgb(155, 121, 150)  
}
```

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(155, 121, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 121, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 20.935, 329.151 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(155, 121, 150) }
```

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

```
.border{ border-color:rgb(155, 121, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 121, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 121, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 121, 150);  
box-shadow:4px 4px 4px 4px rgb(155, 121,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 20.935, 329.151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 121, 150) }
```

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

```
.background{ background-color: rgb(155,  
121, 150) }
```

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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