

Converting Colors

CIELCh(69, 27.613, 155.496)

Have a look what the booklet for
CIELCh(69, 27.613, 155.496)
contains.

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Color

CIELCh(69, 27.158, 155.567)

Conversions

Conversions Part 1

Format	Color
Hex	7EB493
RGB	126, 180, 147
RGB Percent	49%, 71%, 58%
CMY	0.5047, 0.2929, 0.4223
CMYK	0.30, 0.00, 0.18, 0.29
HSL	143°, 27%, 60%
HSV	143°, 30%, 71%
XYZ	30.3239, 39.3444, 33.7241
YIQ	160.0920, -21.5910, -21.7110

Conversions

Conversions Part 2

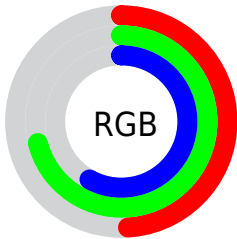
Format	Color
RYB	126, 165, 180
Decimal	8303763
CIELab	69.00, -24.73, 11.23
CIElCh	69, 27.158, 155.567
Yxy	39.3444, 0.2933, 0.3805
Android (android.graphics.Color)	4286493843 (0xFF7EB493)
YUV	160.0920, -6.4544, -29.8987
Hunter-Lab	62.7251, -23.4745, 12.0303

Details

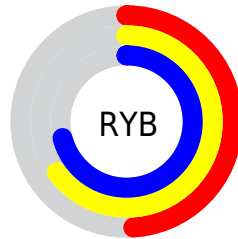
The CIELCh color $69, 27.158, 155.567$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $59, 27.696, 340.507$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 27.117, 155.537$, and $49, 27.343, 155.158$ is the 20% darker color. If you saturate the color by 10%, you get $68, 35.955, 154.468$, and if you desaturate by 10%, it is $70, 18.141, 156.533$.

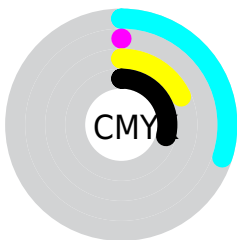
Distribution



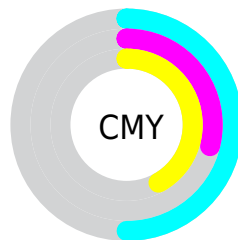
- Red (49%)
- Green (71%)
- Blue (58%)



- Red (49%)
- Yellow (65%)
- Blue (71%)



- Cyan (30%)
- Magenta (0%)
- Yellow (18%)
- Black (29%)




- Cyan (50%)
- Magenta (29%)
- Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 27.158, 155.567 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, 27.158, 155.567 by changing the saturation by 10% instead.

 69, 27.158,
155.567

 69, 27.158,
155.567


 100, 27.158,
155.567


 59, 27.158,
155.567


 89, 27.158,
155.567

 49, 27.158,
155.567

 99, 27.158,
155.567

 39, 27.158,
155.567

 29, 27.158,
155.567

 19, 27.158,
155.567

 9, 27.158, 155.567

 0, 27.158, 155.567

69, 27.158,
155.567

69, 27.158,
155.567

68, 35.955,
154.468

70, 18.141,
156.533

67, 44.377,
153.214

72, 9.035, 157.400

66, 52.264,
151.783

73, 0.048, 331.039

65, 59.468,
150.158

75, 9.022, 338.750

65, 65.873,
148.334

77, 17.825,
339.375

65, 71.414,
146.329

79, 26.412,
339.932


64, 76.186,
144.263

81, 34.757,
340.438

64, 76.207,

82, 39.115,
334.810

144.255

 82, 43.301,
329.437

Harmonies

Complementary

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



69, 27.158, 155.567



59, 27.696, 340.507

Rectangle

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



69, 27.158, 155.567



69, 27.158, 205.567



69, 27.158, 335.567



69, 27.158, 25.567

Sweetspot

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



69, 27.159, 155.566



91, 10.114, 157.467



71, 30.232, 123.363



48, 7.026, 157.347



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



69, 27.159, 155.566



87, 40.247, 154.851



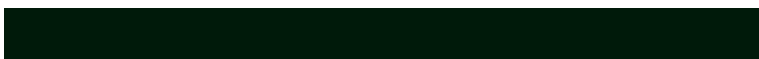
70, 19.172, 187.415



37, 5.097, 157.453



55, 67.057, 144.559



7, 13.150, 154.300

Inverse Universe

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



59, 27.696, 340.507



72, 41.158, 341.139



58, 22.414, 12.900



35, 5.136, 338.760



33, 60.151, 351.461



2, 11.394, 343.645

Previews

White Background



This preview shows how the CIELCh color 69, 27.158, 155.567 looks on a white background.

Color Contrast Check

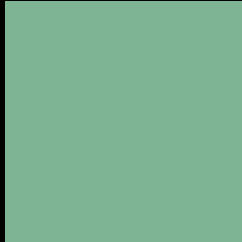
Large Text (above 18pt) WCAG AA × Fail

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, 27.158, 155.567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

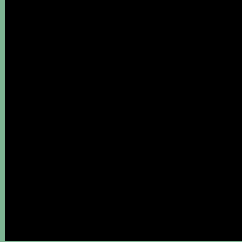
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 27.158, 155.567

Background



This preview shows how black text looks on a background with the CIELCh color 69, 27.158, 155.567.

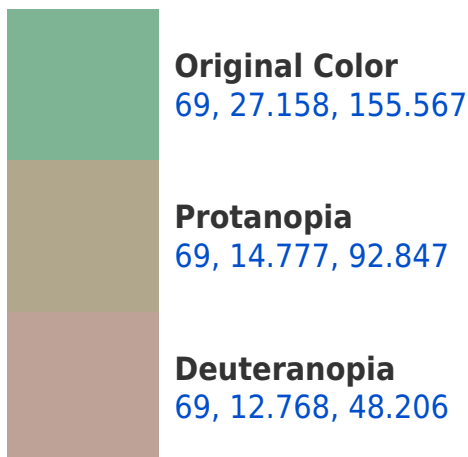


This preview shows how white text looks on a background with the CIELCh color 69, 27.158, 155.567.

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
69, 15.345, 228.720

Trichromacy



Original Color
69, 27.158, 155.567

Protanomaly
69, 16.660, 126.462

Deuteranomaly
69, 10.422, 113.426

Tritanomaly
69, 15.939, 192.144

Monochromacy



Original Color
69, 27.158, 155.567

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 9.853, 156.379

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 27.158, 155.567 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(126, 180, 147)` looks like.

```
.text, #text, p{  
    color:rgb(126, 180, 147)  
}
```

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(126, 180, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 180, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 27.158, 155.567 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(126, 180, 147) }
```

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

```
.border{ border-color:rgb(126, 180, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 180, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 180, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 180, 147);  
box-shadow:4px 4px 4px 4px rgb(126, 180,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 27.158, 155.567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 180, 147) }
```

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

```
.background{ background-color: rgb(126,  
180, 147) }
```

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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