

Converting Colors

CIELCh(69, 25.739, 158.224)

Have a look what the booklet for
CIELCh(69, 25.739, 158.224)
contains.

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Color

CIELCh(69, 25.737, 157.683)

Conversions

Conversions Part 1

Format	Color
Hex	7FB496
RGB	127, 180, 150
RGB Percent	50%, 71%, 59%
CMY	0.5020, 0.2942, 0.4118
CMYK	0.29, 0.00, 0.17, 0.29
HSL	146°, 26%, 60%
HSV	146°, 29%, 71%
XYZ	30.5687, 39.3444, 34.8277
YIQ	160.7330, -21.9580, -20.5660

Conversions

Conversions Part 2

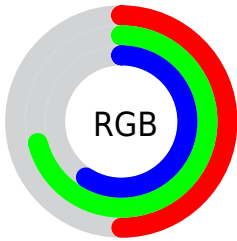
Format	Color
RYB	127, 164, 180
Decimal	8369302
CIELab	69.00, -23.81, 9.77
CIElCh	69, 25.737, 157.683
Yxy	39.3444, 0.2919, 0.3756
Android (android.graphics.Color)	4286559382 (0xFF7FB496)
YUV	160.7330, -5.2914, -29.5838
Hunter-Lab	62.7251, -22.7781, 10.9872

Details

The CIELCh color $69, 25.737, 157.683$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $59, 26.396, 342.743$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 25.764, 157.521$, and $49, 25.834, 157.430$ is the 20% darker color. If you saturate the color by 10%, you get $68, 34.194, 156.569$, and if you desaturate by 10%, it is $70, 17.057, 158.669$.

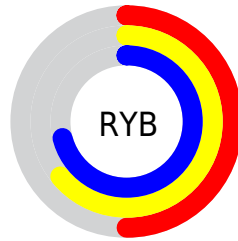
Distribution



Red (50%)

Green (71%)

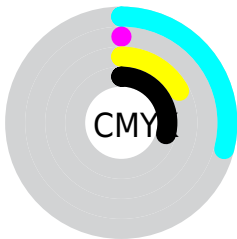
Blue (59%)



Red (50%)

Yellow (64%)

Blue (71%)

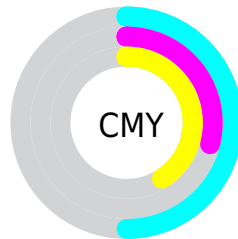


Cyan (29%)

Magenta (0%)

Yellow (17%)

Black (29%)



Cyan (50%)


Magenta (29%)

Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 25.737, 157.683 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, 25.737, 157.683 by changing the saturation by 10% instead.

 69, 25.737,
157.683

 69, 25.737,
157.683

 100, 25.737,
157.683


 59, 25.737,
157.683


 89, 25.737,
157.683

 49, 25.737,
157.683

 99, 25.737,
157.683

 39, 25.737,
157.683

 29, 25.737,
157.683

 19, 25.737,
157.683

 9, 25.737, 157.683

 0, 25.737, 157.683

69, 25.737,
157.683

69, 25.737,
157.683

68, 34.194,
156.569

70, 17.057,
158.669

67, 42.279,
155.303

72, 8.279, 159.561

66, 49.843,
153.863

73, 0.489, 339.573

75, 9.164, 340.959

65, 56.750,
152.228

77, 17.683,
341.615

65, 62.892,
150.388

79, 26.004,
342.205

65, 68.221,
148.353


81, 34.100,
342.745

64, 72.832,
146.221

82, 37.914,
337.021

64, 73.078,

146.109

 82, 41.627,
331.624

Harmonies

Complementary

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



69, 25.737, 157.683



59, 26.396, 342.743

Rectangle

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



69, 25.737, 157.683



69, 25.737, 207.683



69, 25.737, 337.683



69, 25.737, 27.683

Sweetspot

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



69, 25.738, 157.682



91, 9.782, 159.586



70, 30.012, 125.283



48, 6.795, 159.462



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, 25.738, 157.682



87, 37.774, 157.014



70, 18.473, 191.862



37, 4.929, 159.572



55, 64.397, 146.420



7, 12.812, 155.783

Inverse Universe

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



59, 26.396, 342.743



72, 38.900, 343.369



59, 21.962, 16.689



35, 4.976, 340.934



33, 59.014, 355.323



2, 11.044, 346.167

Previews

White Background



This preview shows how the CIELCh color 69, 25.737, 157.683 looks on a white background.

Color Contrast Check

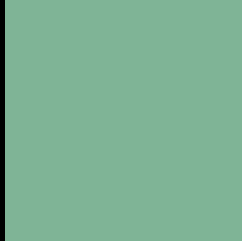
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 69, 25.737, 157.683 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, 25.737, 157.683

Background



This preview shows how black text looks on a background with the CIELCh color 69, 25.737, 157.683.



This preview shows how white text looks on a background with the CIELCh color 69, 25.737, 157.683.

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](#).

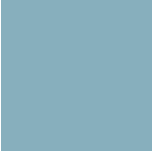
Dichromacy



Original Color
69, 25.737, 157.683

Protanopia
69, 13.084, 92.862

Deuteranopia
69, 11.615, 42.271



Tritanopia
69, 15.345, 228.720

Trichromacy



Original Color
69, 25.737, 157.683

Protanomaly
69, 15.257, 129.754

Deuteranomaly
69, 8.839, 116.869

Tritanomaly
69, 15.834, 194.123

Monochromacy



Original Color
69, 25.737, 157.683

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 9.464, 158.787

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 25.737, 157.683 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(127, 180, 150)` looks like.

```
.text, #text, p{  
    color:rgb(127, 180, 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(127, 180, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 180, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 25.737, 157.683 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(127, 180, 150) }
```

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

```
.border{ border-color:rgb(127, 180, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 180, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 180, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 180, 150);  
box-shadow:4px 4px 4px 4px rgb(127, 180,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 25.737, 157.683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 180, 150) }
```

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

```
.background{ background-color: rgb(127,  
180, 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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