

Converting Colors

CIELCh(78, 22.964, 90.368)

Have a look what the booklet for
CIELCh(78, 22.964, 90.368) contains.

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Color

CIELCh(78, 23.028, 89.751)

Conversions

Conversions Part 1

Format	Color
Hex	D1BF96
RGB	209, 191, 150
RGB Percent	82%, 75%, 59%
CMY	0.1791, 0.2497, 0.4106
CMYK	0.00, 0.09, 0.28, 0.18
HSL	42°, 39%, 71%
HSV	42°, 28%, 82%
XYZ	50.6139, 53.2120, 36.5848
YIQ	191.7080, 23.8890, -8.9350

Conversions

Conversions Part 2

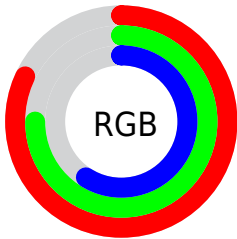
Format	Color
RYB	176, 209, 150
Decimal	13746070
CIELab	78.00, 0.10, 23.03
CIELCh	78, 23.028, 89.751
Yxy	53.2120, 0.3605, 0.3790
Android (android.graphics.Color)	4291936150 (0xFFD1BF96)
YUV	191.7080, -20.5620, 15.1651
Hunter-Lab	72.9466, -3.8044, 21.3270

Details

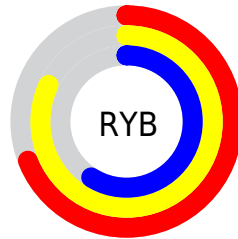
The CIELCh color **78, 23.028, 89.751** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **69, 23.104, 277.540**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 22.045, 100.630**, and **58, 23.107, 89.953** is the 20% darker color. If you saturate the color by 10%, you get **76, 31.414, 88.423**, and if you desaturate by 10%, it is **80, 14.736, 91.050**.

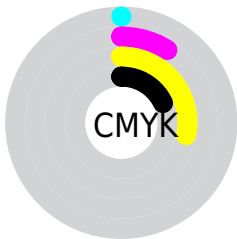
Distribution



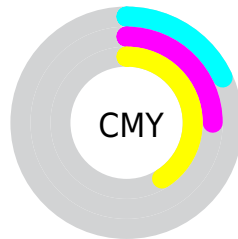
- Red (82%)
- Green (75%)
- Blue (59%)



- Red (69%)
- Yellow (82%)
- Blue (59%)



- Cyan (0%)
- Magenta (9%)
- Yellow (28%)
- Black (18%)



- Cyan (18%)
- Magenta (25%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 23.028, 89.751 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 78, 23.028, 89.751 by changing the saturation by 10% instead.

■ 78, 23.028, 89.751

■ 78, 23.028, 89.751

■ 100, 23.028,
89.751

■ 68, 23.028, 89.751

■ 98, 23.028, 89.751

■ 58, 23.028, 89.751

■ 48, 23.028, 89.751

■ 38, 23.028, 89.751

■ 28, 23.028, 89.751

■ 18, 23.028, 89.751

■ 8, 23.028, 89.751

■ 0, 23.028, 89.751

■ 78, 23.028, 89.751

■ 78, 23.028, 89.751

76, 31.414, 88.423

80, 14.736, 91.050

74, 39.809, 87.049

82, 6.573, 92.288

72, 48.055, 85.629

84, 1.445, 273.694

70, 55.859, 84.140

87, 9.318, 274.723

69, 62.723, 82.526

89, 17.049,
275.824

67, 67.918, 80.681

90, 14.627,
263.792

65, 70.848, 78.473

65, 71.299, 78.068

92, 13.041,
248.083

94, 12.614,
229.933

95, 13.431,
212.448

Harmonies

Complementary

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



78, 23.028, 89.751



69, 23.104, 277.540

Rectangle

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



78, 23.028, 89.751



78, 23.028, 139.751



78, 23.028, 269.751



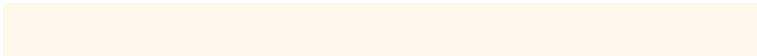
78, 23.028, 319.751

Sweetspot

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



78, 23.029, 89.757



98, 7.530, 92.301



68, 24.921, 357.856



52, 5.360, 92.118



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 23.029, 89.757



92, 32.742, 88.936



82, 31.114, 115.364



43, 4.553, 92.143



53, 60.656, 78.504



11, 17.171, 81.680

Inverse Universe

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



69, 23.104, 277.540



79, 32.902, 278.737



65, 33.148, 299.737



41, 4.565, 274.557



27, 74.313, 297.859



4, 20.240, 284.359

Previews

White Background



This preview shows how the CIELCh color 78, 23.028, 89.751 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 78, 23.028, 89.751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

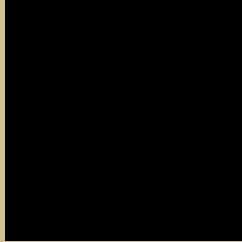
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

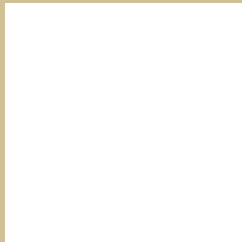
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 23.028, 89.751

Background



This preview shows how black text looks on a background with the CIELCh color 78, 23.028, 89.751.



This preview shows how white text looks on a background with the CIELCh color 78, 23.028, 89.751.

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

78, 23.028, 89.751

Protanopia

78, 22.923, 94.931

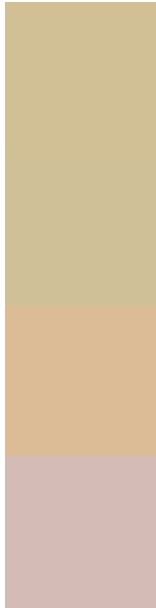
Deuteranopia

78, 24.490, 65.611



Tritanopia
78, 13.417, 346.686

Trichromacy



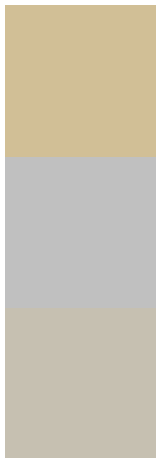
Original Color
78, 23.028, 89.751

Protanomaly
78, 22.638, 92.688

Deuteranomaly
78, 23.575, 73.740

Tritanomaly
78, 10.475, 37.830

Monochromacy



Original Color
78, 23.028, 89.751

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 8.312, 93.446

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 23.028, 89.751 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(209, 191, 150)` looks like.

```
.text, #text, p{  
    color:rgb(209, 191, 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(209, 191, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 191, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 23.028, 89.751 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(209, 191, 150) }
```

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

```
.border{ border-color:rgb(209, 191, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 191, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 191, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 191, 150);  
box-shadow:4px 4px 4px 4px rgb(209, 191,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 23.028, 89.751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 191, 150) }
```

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

```
.background{ background-color: rgb(209,  
191, 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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