setwd("F:/BIGDATA/wedding")

getwd

install.packages("KoNLP")

install.packages("wordcloud")

install.packages("stringr")

library(KoNLP)

library(wordcloud)

library(stringr)

library(RColorBrewer) # 보기좋은 다양한 유형의 색들에 대한 팔레트 제공

library(rvest)

search()

useSejongDic()

mergeUserDic(data.frame(readLines("결혼.txt"),"ncn"))

data1<-readLines("결혼.txt")

data1

data2<-sapply(data1,extractNoun,USE.NAMES = F)

data2

#

data3<-unlist(data2)

data3

#불필요한 단어 삭제

data3<-gsub("\\d+","",data3)

data3

data3<-gsub("씨발","",data3)

data3<-gsub("^ㅋ","",data3)

data3<-gsub("ㅋㅋ","",data3)

data3<-gsub("^ㅋ^ㅋ^ㅋ","",data3)

data3<-Filter(function(x){nchar(x)>=2},data3)

data3

write(unlist(data3),"결혼.txt")

data4<-read.table("결혼.txt")

data4

nrow(data4)

wordcount<-table(data4)

wordcount

#정렬

wd<-head(sort(wordcount,decreasing = T),30)

wd

str(wd)

palete<-brewer.pal(9,"Set3")

#시각화

wordcloud(names(wd),

freq = wd,

rot.per = 0.25,

min.freq = 1,

random.order = F,

random.color = T,

colors = palete)

#제목 넣기

legend(0.3,1, "30대의 결혼 생각",

cex=1,

fill=NA,

border=NA,

bg="white",

text.col="blue",

text.font=4,

box.col="red")